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VICK'S GARDEN & FLORAL GUIDE

SPRING EDITION

JAMES VICK'S SONS

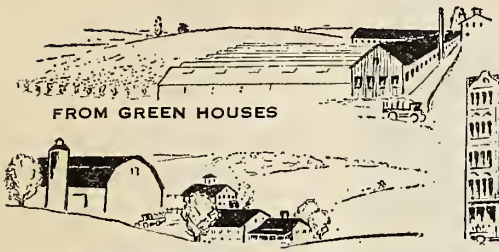
ROCHESTER, N.Y.

THE FLOWER CITY

Six Superb Specials

	Description on page
Sweet Pea, Hawlmark Pink, per pkg. 10c, oz. 40c	63
Larkspur, Gold Medal Hybrids, seed, pkg. 15c, plants each 35c	6
Dahlia, Peony Flowered Satisfaction, each 40c, dozen $4.00	84
Dahlia, Cactus Flowered Countess of Lonsdale, each 35c, dozen $3.50	84
Hybrid Tea Rose, Los Angeles, each $1.00, dozen $10.00 . .	81
Hybrid Tea Rose, Lady Hillingdon, each $1.00, doz. $10.00	81

DELIGHTFUL SURPRISES FOR 1925



FROM SEED FARMS

DIRECT TO YOU

FROM SEED HOUSE

We commence the year 1925 with a feeling of delightful anticipation for the coming season. In the first place we have passed another notable milestone and are starting our third quarter of a century in the seed business. The large number of delightful letters we received from our customers on the occasion of our 75th anniversary last year alone would cause anyone to feel very happy. Letters of this kind too, are the strongest possible incentive for us to bend every effort to merit the continued confidence of our thousands of friends both old and new.

We are very happy too in the knowledge that we have accumulated what we believe to be the finest stock of Seeds, Plants, Bulbs and Shrubs we have ever offered our customers. We have taken every precaution to select stocks of the very highest quality with the one thought constantly in mind of supplying you with stock that will not only give satisfaction, but will actually prove to be, as so many of our customers have testified, "delightful surprises."

We hope that you will have as much pleasure in reading this catalogue as we have had in writing it. We know you will be interested in the many new pictures in full color which you will find in this edition. This is certainly the most accurate method of illustrating different Vegetables and flowers and they will be very helpful to you in making your selections of varieties.

"Vick Quality, the Best the Earth Produces" is more than a slogan. It is an ideal we keep always in mind, remembering also that satisfactory quality will be remembered when low prices have been forgotten. Three generations of satisfied customers is the strongest testimonial we can offer as to the high quality of our stocks and the fairness of our methods.

JAMES VICK'S SONS

Rochester N. Y. **The Flower City**

General Instructions

CONVENIENCE IN ORDERING

Remember, at the prices named in this catalogue we send Seeds, Bulbs and Plants to any part of the United States, postage or express prepaid, unless otherwise stated. No inconvenience or delay. Simply fill out our order blank carefully, giving full post-office address and the name of the nearest express station, and enclose your remittance.

SAFETY IN SENDING MONEY

Money may be sent at our Risk and Expense if forwarded according to any of the following methods:

1. Post-office Money Order, which is the most popular way. **2. Express Money Order. 3. Bank Draft. 4. Certified Check. 5. Registered Letter.**

While we assume responsibility for the above forms of remittances only, it is becoming safer each year to enclose currency, **if carefully wrapped.** Personal checks are a great convenience, but checks not certified sometimes cause delay until their worth can be established.

As to our responsibility, ask any banker or business man who has access to Dun's or Bradstreet's commercial reports.

REMEMBER

1. If you have occasion to refer to a previous order, placed with us, be sure to mention the post-office from which it was mailed, and give the same name as in the first order.

2. On account of risk from cold weather, orders for plants will be held until about April 1st. In case they are wanted at an earlier date, mention that fact and they will be shipped accordingly, in which case, however, we do not assume responsibility for damage from cold weather.

3. Unless otherwise instructed, we will ship the best and cheapest way, whether by mail or express. Therefore, mention both your post-office address and express station.

4. We do not pay export duties. **No Plants or Bulbs sent C. O. D.**

5. All offers in this catalogue are subject to market changes and stock unsold.

OUR GUARANTEE

We believe our stocks to be first class in every respect, but between the gathering of our seeds, plants and bulbs and the harvesting of the crops grown from them, there are, of course, many conditions not within our control. Therefore, we give no warranty expressed or implied as to description, purity, production or any other matters of any seeds, bulbs or plants we send out and will not be responsible for the crop. We do, however, guarantee the safe arrival of articles purchased from this catalogue in apparent good condition at your post-office, express or freight station. If any article arrives in unsatisfactory condition, it may be returned to us at once and we will immediately refill the order, or, if unable to furnish the article at the time, we will enter it for later shipment or refund the money, as our customer may desire, which is the extent of our responsibility.

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The picture at left shows a group of the office girls

The picture to the left shows a group of Vick's office girls at our flower proving grounds last fall. They make a charming background for the flowers they have picked as well as for those in the field around them. In these proving grounds we grow thousands of our various stocks to prove their worth under ordinary garden conditions. Here also many new varieties are tried out to discover those of real merit. The girls find it a fascinating place to become acquainted with many varieties they formerly knew only by name.

The center picture shows a fine block of Campanulas or Canterbury Bells, one of the many varieties of hardy Perennials in which we specialize. Canterbury Bells are easily grown and are most useful and charming in the garden or border. We offer plants on page 72 and seeds on page 68.

We grow Perennial plants of all kinds by the hundred thousand. We also raise on our own land many of the choicest stocks of Perennial seeds. The block of Campanulas here pictured, was later harvested for seed. Perennial plants are offered in a section commencing on page 71.

To the right is a view of the annual Memorial Day Parade in Rochester, May 30, 1924

To the right is a view of the annual Memorial Day parade in Rochester, May 30, 1924 The part of the parade shown in this picture consists of a line of trucks and wagons stretching back as far as one can see, loaded with flowering plants to decorate the soldiers' graves. They carried nearly 14,000 potted Geraniums, practically all of which were grown in Vick's greenhouses, expressly for the various schools of Rochester. With these plants the school children of the city decorated nearly 4,000 graves in five different cemeteries. Our greenhouses have furnished the flowers for this service for many years. Our list of Geraniums is shown on page 88.

ASTER SPECIALTIES

Illustrated In Color On Front Cover.

We have specialized in Asters longer than any other American seedsman and have introduced more new distinct varieties than all others combined. Nearly all the varieties now in commercial use in America were developed on Vick Seed Farms. We know of no other seedman who goes to such expense and effort in keeping his stocks up to the highest standard of perfection. We are constantly making selections to improve old varieties and in developing new ones.

Each year we try to select for the front cover varieties which not only make a beautiful and harmonious picture, but those that are of most recent development and of outstanding merit. The four varieties shown this year we think are very faithfully reproduced and yet they give only a faint idea of the real beauty of these delightful flowers.

VICK'S SILVERY ROSE ASTER

CRIMSON KING ASTER

A strikingly handsome flower in the very graceful King type. The King Asters all have the characteristic long, narrow petals which are folded lengthwise, appearing almost as though quilled. They make a very graceful, charming appearance. The Crimson King is one of the most handsome of this class.
Per packet 25c; 2 for 40c.

AUTUMN GLORY

The latest flowering and the most vigorous growing of all the Asters. The color is a pure shell pink, somewhat deeper than Semple's Pink, but with a much larger and more substantial flower. In fact, the flowers are the thickest and fullest of any of the late branching class. Its chief claim for distinction is the fact that it is later in season than any other variety and while it does not take the place of any other variety, it is very valuable in supplementing the blooming season of the Asters, thus prolonging the Aster season fully two weeks, coming at a time when other good flowers are very scarce.
Per packet 20c, 2 for 35c.

Kitchener, Ont.

Writer took all the first prizes for Asters grown by amateurs at the Kitchener Horticulture Show last fall. All the Asters shown by the writer were grown from Vick's seeds.

Mr. J. Albert Smith

VICK'S SILVERY ROSE

This is the original "Silvery" Aster. It is of branching type plant, very robust, long stemmed, large flowering. Each petal is a charming combination of deep lilac rose almost cerise so delicately threaded with white so as to give it a silvery sheen. The reverse of the petals as they curev over toward the center show the silvery characteristic very decidedly. In the heart of the flower appears a warm glowing rose, a most unusual and charming flower.
Per packet 20c; 2 for 35c.

OUR NEW ASTER
PRINCE OF WALES

This is the darkest and richest color we have yet produced in the King class. It is a deep violet purple with a decided reddish cast. In the shade it looks almost black and is certainly princely in appearance. The flowers are of the true King type with the long, narrow, folded petals. The centers are fully covered and the flowers are unusually thick for the King type. Plants are branching with unusually long, strong, clean stems. Seed is very scarce this first season.
Per packet 75c.

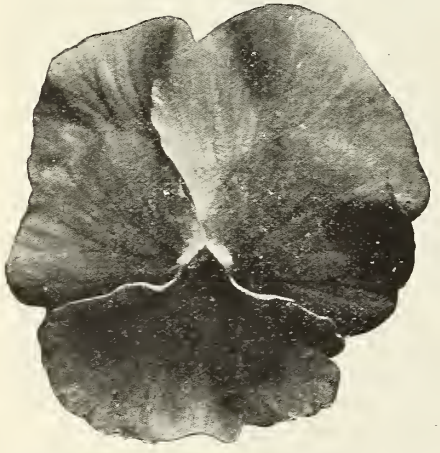
Our regular Aster section commencing on page 40 contains the widest range of varieties in America.

A FEW NOVELTIES AND SPECIALTIES

NEW CASTOR OIL PLANT
CRIMSON SPIRE

BLUE LACE FLOWER

Didiscus Coeruleus. The Blue Lace Flower was originally brought to America from Australia and is becoming extremely popular. The color is the most beautiful shade of clear sky-blue that one can imagine. The umbrella shaped clusters of flowers often measuring two or three inches across, are borne in great number on vigorous growing plants two or two and a half feet high. The stems are unusually long and are excellent for cut flowers. They grow so easily and are so very satisfactory that no garden should be without them. Per packet 15c.



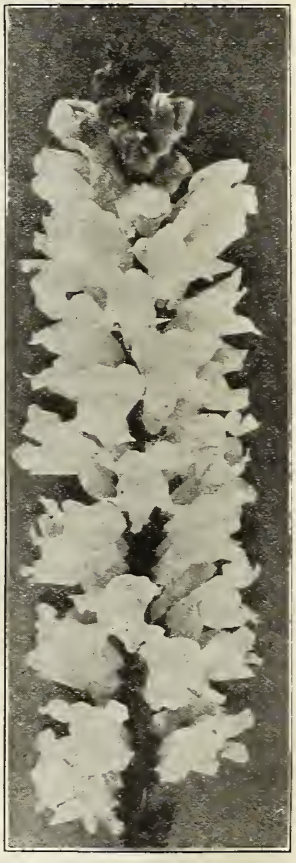
A NEW RICINUS
Castor Oil Plant

Crimson Spire. A very ornamental and brilliant plant. It is the reddest of all the dark leaved varieties of Ricinus. growing to a height of about five to six feet with very pretty large, deeply cut leaves of a glossy bronzy green with prominent red ribs and veins. The new leaves as they unfold are a brilliant crimson. The very handsome seed pods are from nine to eighteen inches long and are of a rosy crimson. Altogether it is a most effective semi-tropical plant valuable alike for its foliage and flowers. Like other varieties of Ricinus, it is absolutely insect proof. As single specimens on the lawn or for massing in a corner or border, this is one of the most ornamental plants obtainable. Per packet 15c.

A NEW RACE OF SNAPDRAGONS

Antirrhinum Maximum. This new group of Antirrhinums or Snapdragons is truly wonderful and far surpasses all other varieties we have known. In habit of growth they are some what taller than the regular Majus or tall growing Snapdragons. The flowers are of magnificent size, closely placed on spikes. We offer these new Snapdragons in the following varieties which cover almost the entire range of colors that can be supplied in Antirrhinums. We are sure that the lovers of this beautiful and popular flower will welcome this new group.

	Per Pkt.
Canary Bird. Canary yellow, golden yellow center	15c
Cerberus. A beautiful carmine rose, yellow lip	15c
Copper King. Velvety scarlet with copper cast	15c
Golden Queen. A deep golden yellow	15c
Purple King. A deep glowing purple, truly royal in appearance	15c
Snowflake. Pure white, yellow tube	15c
Maximum Mixed	10c



NEW SNAPDRAGON
ANTIRRHINUM MAXIMUM

NEW ORANGE PANSY

Saint Knud. Entirely distinct and unique color in Pansies. Everyone who saw these Pansies in our trial grounds this past summer were greatly pleased with them. The flowers are of the Giant Flowering type, being of uniformly large size and somewhat frilled at the edges. The color is a deep orange in the center shading to a lighter orange on the outside with no spots or marks of any kind. They are very easy to grow. Seed planted in the early spring will produce a profusion of flowers all summer and fall and if given a little protection, will blossom again the following spring. It is interesting to note that this Pansy gets its name from a sainted Danish king who, ages ago, was killed in the little Danish town where this variety originated. Per packet 25c.

Besides those shown on these pages we have many other flower and vegetable specialties scattered through this book.

NEW BALCONY PETUNIAS

For vases, window boxes, large beds, etc., where a mass of color is desired throughout the season, nothing excels the Petunia. The Balcony type is especially adapted for this purpose as it is of a semi-trailing habit and will climb if given support. The flowers are of large size, averaging three inches across and are borne in unending profusion from early summer until hard frosts. The flowers, especially the dark colors, have a wonderful velvety texture which is very attractive. We offer the following four splendid colors.

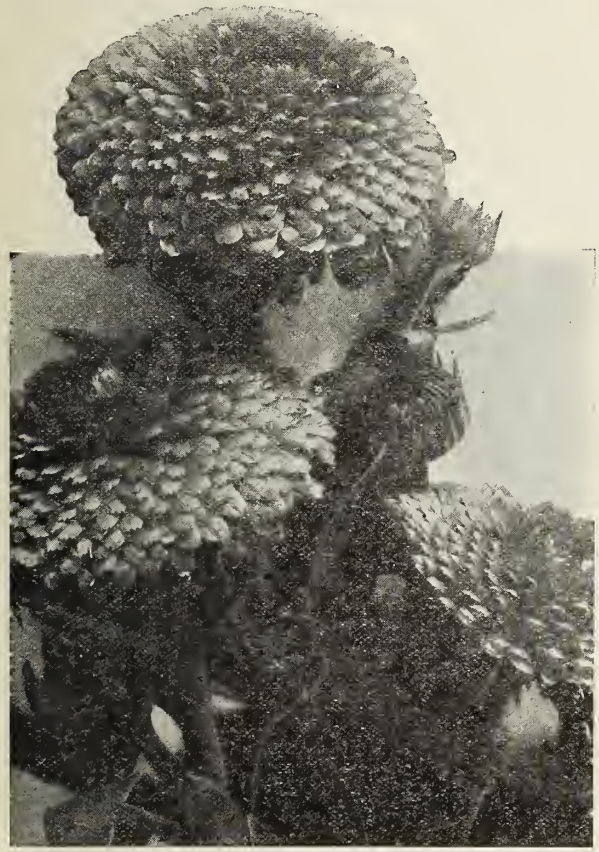
	Pkt.
Balcony Deep Blue. A rich velvety indigo blue deepening to royal purple	.20
Balcony Rose. Brilliant rose pink with characteristic velvety texture	.20
Balcony Red. A very rich, deep velvety crimson	.20
Balcony White. Pure snow white	.20
Balcony Mixed. A splendid mixture of all colors	.15

Other fine Petunias are shown on page 57

BALL CALENDULA
POT MARIGOLD

This is considered the finest development in the double, deep orange Calendulas yet produced. The flowers are uniformly full double and of distinctly rounded or ball shaped unlike the flat heads found in the old types of Calendula. The color is very handsome, being of a deep orange. Our seed was grown from the original strain and we believe it is the best obtainable. One of the best varieties for forcing. Per packet 10c.

Other Calendulas are on page 49.



BALL CALENDULA

BALCONY PETUNIAS

TWO NEW SWEET PEAS

Our list of Spencer Sweet Peas, we believe, is the finest we have offered in many years. There are a number of new varieties of unusual merit included in this list shown on pages 63 and 64 and we invite your attention to the colored plate of Sweet Peas opposite page 64. Of these varieties, the two mentioned below are the newest and we take great pleasure in recommending them to all flower lovers.

President Harding. An entirely new color in Sweet Peas. Flowers are peach red or salmon cerise suffused orange. The color is soft, rich and pleasing and stands up well under strong sunlight. This variety has the distinction of winning the only certificate of merit awarded by the National Sweet Pea Society of Great Britain for two years and is the first American variety to receive this reward. The Flowers are borne uniformly four to a stem. Per packet 25c.

Defiance. Considered the finest red Sweet Pea ever offered. It is a rich cardinal red almost identical with Lobelia Cardinalis which has always been considered the most brilliant red in nature. A color that wins instant admiration everywhere. This variety is vigorous and strong growing and is absolutely sun proof. Per packet 25c.

THE NEW YELLOW COSMOS
KLONDYKE

An entirely new distinct color in Cosmos which makes a fine addition to this class. It produces flowers of a rich golden yellow. It is a late flowering kind so that in order to insure getting flowers in the northern states, it is advisable to start the seed inside and transplant the plants out of doors when the weather is suitable. Per packet 10c.

Other varieties of Cosmos are on page 51

Waverly, N. Y., Oct. 25, 1924.
I appreciate very much the quality of seeds and bulbs we have received from you *Mrs. W. L. Tuthill.*

Specialties From Our Plant Department

DELPHINIUM OR LARKSPUR

Gold Medal Hybrids

We believe we have here one of the finest strains of Hybrid Larkspurs grown. The seed came originally from Europe and has been developed here until it produces the most magnificent variety of colors and types we have ever seen. There are hardly two plants exactly alike. There are single, double, semi-double in all shades and combinations of blue, lavender and purple, some with dark center, some with light center,—a truly fascinating array. We offer these Gold Medal Hybrids both in seed and in plants.

The seed per packet 15c; Plants each 35c; per dozen $3.50.

A NEW GERANIUM

Mrs. Richard F. Gloede

We take great pleasure in recommending this new Geranium to our friends as we believe it is one of the best ever offered. The color is a beautiful rosy cerise and flowers are unusually large and have long stems. It is being grown now by a great many florists and it is enthusiastically proclaimed the "Queen of all Geraniums." Plants each 35c; dozen, $3.00.

DICENTRA - Bleeding Heart

Spectabilis. Flower lovers will be very glad of the opportunity of again securing this popular favorite. As you probably know the importation of these plants has been prohibited for some years, but we have been propagating our own stock so that we have accumulated sufficient quantity to again offer this to our friends. Bleeding Heart bears long racemes of graceful heart shaped, pink flowers. Each 60c, dozen $6.00.

Daguscahonda, Pa., April 2, 1924.

I received my plants. They are very nice, all are growing nicely. The Rose bushes are awfully nice. They all came in very good condition. Thanks very much. *Mrs. Corbe.*

MOTHER'S DAY CARNATION

This is just the plant to use for Mother's Day or Decoration Day. It is a new variety of hardy Carnation producing pure white flowers which blossom sufficiently early for both Mother's Day and Decoration Day. The flowers have a delightful fragrance and are considerably larger than the old-fashioned Hardy Pinks. The flowers are from two to two and a half inches in diameter. Perfectly hardy. Each 35c, dozen $3.50.

WHITE VERONICA - Speedwell

Spicata Alba. A white variety of this popular hardy Perennial. The flowers are borne in long spikes and bloom in the early spring. Each 25c, dozen $2.50.

HARDY PERENNIAL PHLOX

Of the hundreds of Perennials we offer, there are none which are more popular than the Perennial Phlox. Phloxes come in such a variety of different colors, can be used in so many ways that they have a prominent place in every well-arranged perennial garden. We have a fine list of varieties which you will find on page 75. You will also find some of them pictured in color opposite page 80. Of the varieties which we offer, the following are some of the leading kinds:

Esclamonde. Rosy lilac shading white, large purple center with white halo.

Frau Von Lassburg. One of the finest pure whites.

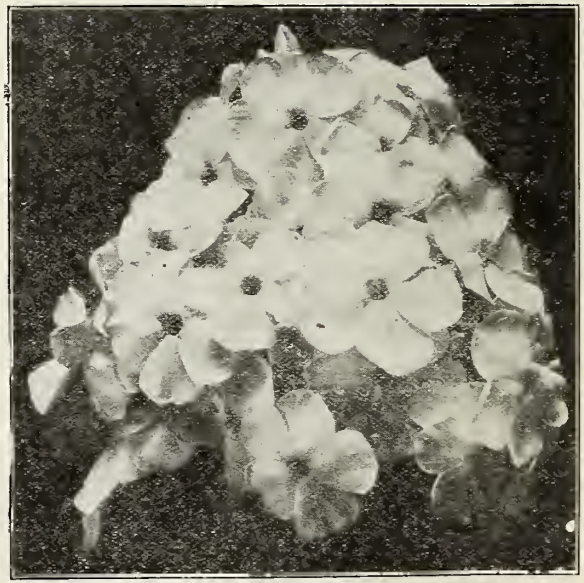
Lothair. Rich salmon, crimson eye.

Pecheur d'Island. Very rich lavender cerise. Uniformly large compact heads.

Richard Wallace. Pure white with distinct violet eye.

Any of the above varieties each 30c, dozen $3.00.

One plant each of the above five kinds $1.25.



HARDY PHLOX FRAU VON LASSBURG

Our plant section showing a great variety of Perennials, Shrubs, Roses, Bulbs, Tender Plants etc., commences on page 71.

Vegetable Seed Novelties And Specialties

WASHINGTON ASPARAGUS

The new rust resistant variety which has been developed by the Plant Breeding Department of the United States Department of Agriculture. It is claimed that this variety will, when it becomes established, soon supersede all others because of its strong, vigorous growth and rust resisting qualities. We offer both seed and roots.

The price of roots prepaid per 100, $2.50. Seed per packet 15c; ounce 35c; ¼ lb. $1.25; lb. $4.00.

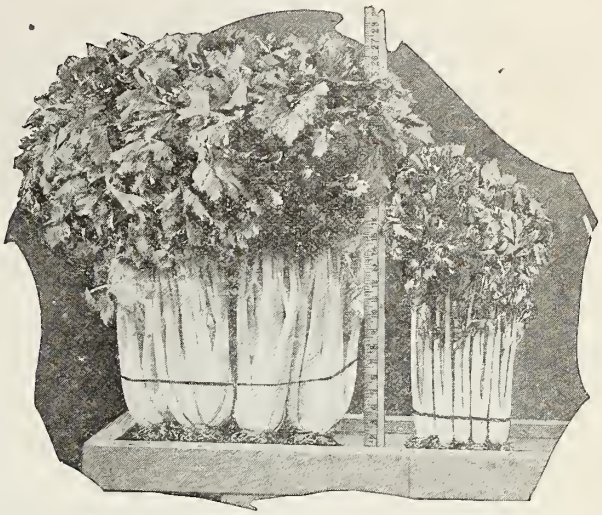
Other kinds of Asparagus are on page 9

KING OF DENMARK SPINACH

This new variety is, undoubtedly, the most valuable introduction of Spinach in recent years. Plants are ready for use almost as soon as the medium early kinds, but they are remarkable principally in that they remain in good condition from a week to two weeks after all other varieties have gone to seed. Plants are very vigorous, grow rapidly, produce an abundance of thick crumpled leaves of a dark green color.

Packet 10c; ounce 15c; ¼ lb. 30c; lb. 80c.

Other varieties of Spinach shown on page 32



GOLDEN PLUME COMPARED WITH ORDINARY GELERY

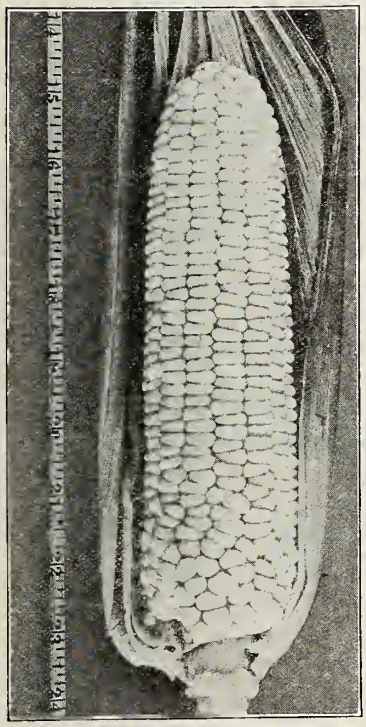
TWO SPLENDID NEW CARROTS

Considerable attention has been given to the development of the Carrot by the best growers the past few years and some very fine results have been obtained. We offer the following two varieties which we consider to be the highest development thus far in the quality of this very popular Vegetable. The flesh of these varieties is exceptionally tender and fine-flavored all the way through.

New Butter Carrot. A stump-rooted variety of medium size and one of the finest for eating purposes. The core has been almost entirely eliminated and the color of the root is a deep scarlet. It is short and fine grained and an excellent summer Carrot. It develops very rapidly with a short top which makes it exceptionally good for forcing.

Per packet 10c; oz. 30c.

Coreless Carrot. This is a variety which we have been distributing for several years to our most critical market growers. It is giving excellent satisfaction and commercial growers find the roots bring good prices at the best markets. It is as nearly coreless as any Carrot yet produced. It grows to medium size, stump-rooted, similar in shape to the Danvers and is very smooth and cylindrical. Unusually sweet and tender. Per packet 10c; oz. 25c.



WHIPPLES EARLY YELLOW

A NEW PEPPER

Harris Earliest

A variety of Pepper which has been developed in New York state, especially adapted for growing in the north. Not only does the fruit mature very early but it will bear profusely. In normal seasons in this vicinity, ripe, red peppers are secured by the first part of August and there are plenty of green Peppers on the plants long before that date. The fruit is of good size, 3 to 3½ inches long by 2 to 2½ inches in diameter. In flavor it is very mild and pleasant. If you want Peppers and plenty of them, plant Harris Earliest. Per packet 15c; ½ oz. 55c; 1 oz. 90c; ¼ lb. $3.00.

GOLDEN PLUME CELERY

A new variety which we wholeheartedly recommend as being one of the finest American varieties which has ever been produced. This is the variety which won all three prizes in the National Celery Contest conducted by the Vegetable Growers' Association of America. It will mature a week earlier, is larger, blanches more easily and is more distinctly blight-resistant than Golden Self Blanching to which it is very similar in color and flavor. It is the result of careful selection and development for the past twenty years in the very finest strains of Celery. The strain which we offer we consider the finest available. It has been selected for exceptionally large solid hearts. Per packet 25c; ½ oz. $1.75; oz. $3.00.

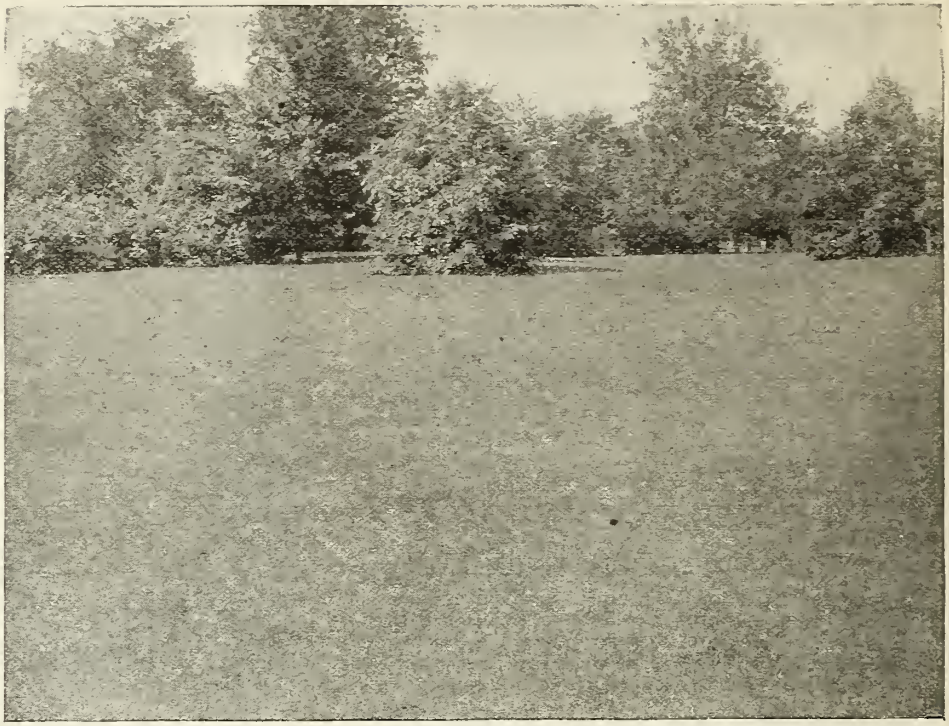
WHIPPLES EARLY Yellow Sweet Corn

This is considered by many authorities as the most remarkable development in yellow sweet Corn since the introduction of Golden Bantam. Here is a variety that is just as early as Golden Bantam, in fact, some have found it to be a few days earlier and produces ears twice the size of the ordinary Bantam. Under ordinary conditions, the ears average seven to eight inches long. Very large, rounded, having twelve to sixteen rows of large kernels. In quality it is very fine, sweet and tender. Per packet 15c; ½ lb. 35c; lb. 65c postpaid. Not postpaid 2 lbs. 80c; 10 lbs. and more 35c per lb.

The above are samples of the many delicious varieties offered in the regular vegetable seed section commencing on page 9

Make Your Home Grounds Beautiful

No residence, no matter how expensive, is really attractive unless the grounds and surroundings are equallybeautiful. On the other hand the humblest dwelling can be made wonderfullyhomelikeand attractive in the proper setting. The first essential is a neat smooth green turf. This can only be secured by the use of proper grass seed. Then the careful selection and proper placing of a few Hardy Perennials, Shrubs and Annual flower beds will complete the picture. You will find Hardy Perennials and Shrubs listed in this Catalogue commencing with page 71.



Vick's "Velvet Lawn"
GRASS SEED MIXTURE

To make a perfect lawn, good seed is absolutely essential. Vick's "Velvet Lawn" Grass Seed Mixture is composed of several grasses of the highest standard of purity and germination, and unsurpassed by any other mixture, regardless of price. Under ordinary conditions a velvet lawn is absolutely assured in a few weeks after sowing.

Good lawn results can be obtained only by using a mixture of several grasses, because the different varieties are at their best at different times during the spring, summer and fall. Our "Velvet Lawn" Mixture contains the right kinds of grasses in correct proportions, and will produce a thick sod of rich deep green throughout the entire growing season. Only the highest grades of seed are used.

Do not mix Timothy or any other grasses with our "Velvet Lawn" Mixture. It is correctly proportioned for nearly all situations and conditions of soil, and will give you entire satisfaction Allow one pound of seed for 300 square feet.

½ pound, 30 cents ; pound, 50 cents, postpaid.
Not prepaid, five pounds, $2.25; 10 pounds, $4.00; 20 pounds, $7.50.

PULVERIZED SHEEP MANURE

The Most Convenient, Effective Fertilizer for Lawns.

For private grounds, lawns, tennis courts, parks and golf courses, you will find our **Pulverized Sheep Manure** a most effective fertilizer. It is a natural, pure, animal fertilizer and adds organic matter to the soil by nature's own method. It may be applied in any quantity without injury to the grass. The first rain will wash it down to the roots, where its beneficial effect is immediate. It can be used on newly sown soil without danger of burning the seed or young seedling.

By Express or Freight Collect.
Five lbs., 40 cents; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.00; 500 lbs., $13.50 ; 1000 lbs., $24.00; 1 ton, $45.00, not prepaid

Vick's Exposition Park
GRASS SEED MIXTURE

For Any Turf That Has to Stand Any Amount of Hard Usage Without Showing Wear and Tear

Years of experience testing and trying out combinations of different varieties of grasses that will make a thick, firm, elastic, yet smooth turf, one that is deep-rooted and will stay green in both wet and dry weather has given us this Exposition Park Grass Seed Mixture.

This mixture is composed of low-growing, fine-leaved, tough and hardy grasses that will stand the great wear and tear that is required of the turf of Polo Grounds, Baseball Grounds, Croquet Grounds, Bowling Greens, Horse Show Paddocks, Public Parks and Picnic Grounds.

Sow one pound to 300 square feet; 145 pounds to the acre.

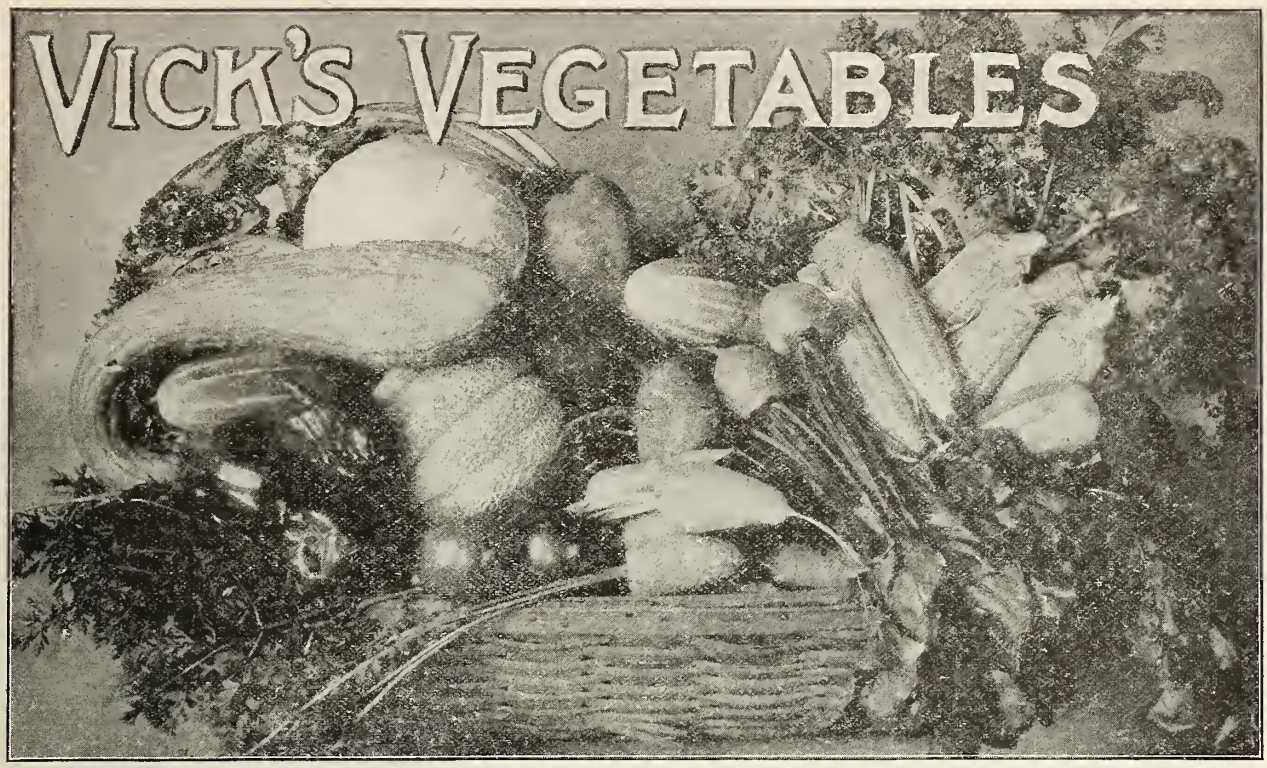
½ Pound, 35 cents; pound, 55 cents, prepaid.
Not prepaid, five pounds, $2.50; fourteen pounds, $6.00.

Vick's Shady Spot
GRASS SEED MIXTURE

For Any Spot So Shaded That the Ordinary Grass Seed Will Not Grow

No unsightly bare spots under bay windows or trees will be seen if Shady Spot Grass Seed Mixture is used. This is a combination of dwarf growing evergreen grasses especially adapted to securing a good growth in densely shaded locations. As ground that is so closely shaded and poorly drained is frequently "sour," an application of a bushel of slacked lime or land plaster to each 1,000 square feet will sweeten it up wonderfully, and with the help of Vick's Shady Spot Grass Seed Mixture will give you the very best results. ½ pound, 30 cents; pound. 50 cents, prepaid.
Not prepaid Five pounds, $2.25; 10 pounds, $4.00; 20 pounds, $7.50, not prepaid.

We are famous for our high QUALITY GRASS SEED MIXTURES. We use the best seed only, insuring best results.



VICK'S ASPARAGUS

Spargel, Ger.; Esparrago, Span.; Sparagio, Ital.

ASPARAGUS, luscious and tender, is about the first fresh table delicacy in the spring. Very popular. Easily grown. As Asparagus seed germinates very slowly, it is advisable, when ready to plant, to pour hot water over it, repeating the process a second time when cool. The seed should be sown quite early in the spring in a bed of light, rich soil, in drills one foot apart and two inches deep. When the plants are well up, thin to about one inch apart, In the fall cut them down and spread well-rotted stable manure two inches deep over the bed. Early the next spring, when the plants are about to grow, transplant to the permanent bed. The subsoil of this bed must be well drained. It should be dug to a depth of at least two and one-half feet, and mixed with plenty of well-rotted manure. For private garden use set the plants about a foot apart, with crowns four inches below the surface and roots carefully spread. For field culture the plants should be two feet apart and the rows six feet apart. In autumn, cut away the ripe tops and cover the beds, before winter, with manure. Fork the beds the next spring, being careful not to injure the roots. One ounce of seed will sow a drill fifty feet long One pound will produce plants sufficient for an acre.

Vick's Mammoth is, without exception, the largest, heaviest and best Asparagus grown. A bunch of twelve stalks will weigh three to four pounds. In size, color and yield, it far surpasses any other variety. The delicacy of its color notably distinguishes it from other green varieties, while its thick stalks are unusually tender and succulent and of delicious flavor.

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents: lb., $1.50.

Conover's Colossal. The old standard variety; of large size, rapid growth, and best quality.

Packet, 10 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25.

Palmetto. Of Southern origin, but equally adapted to the North. Early, large, productive, and of excellent quality.

Packet, 10 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25.

ASPARAGUS ROOTS (Two Year Old)

By purchasing plants at least a year of time is saved. The young shoots may be cut for the table the second season. Vick's Mammoth, Conover's Colossal and Palmetto, 50 for $1.00; 100 for $1.75. postpaid.

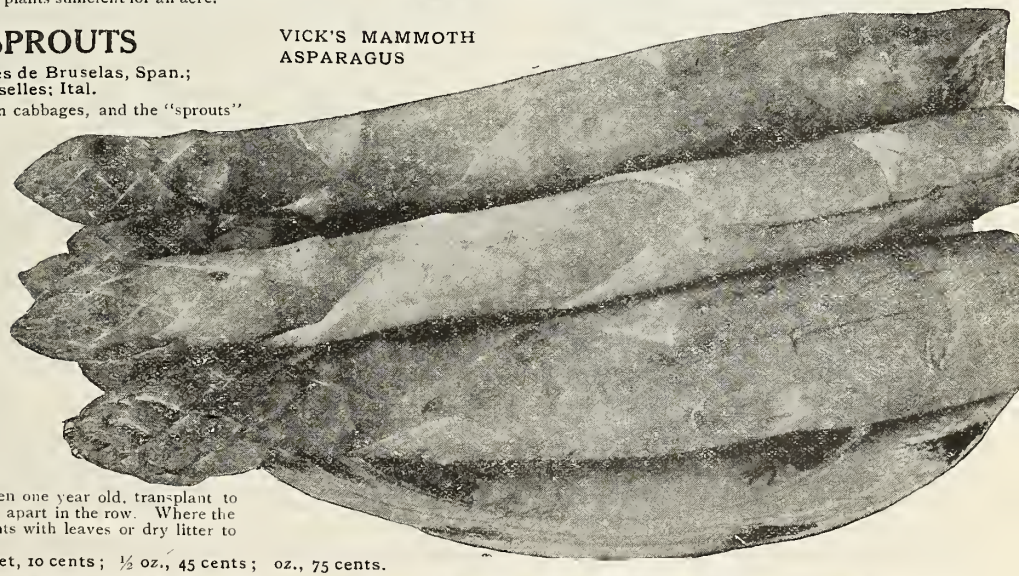
BRUSSELS SPROUTS

Rosenkohl, Ger.; Bretones de Bruselas, Span.; Cavolo di Brusselles; Ital.

Brussels Sprouts are hardier than cabbages, and the "sprouts" or little heads growing along the stem are considered the most delicately flavored vegetables of the entire Cabbage family. Grown in the same manner as winter Cabbage. The late crop is usnally the most satisfactory. One ounce seed produces about 1000 plants.

Vick's Improved or Paris Market. Packet, 10 cents ounce, 40 cts.; ¼ lb., $1.20

VICK'S MAMMOTH ASPARAGUS



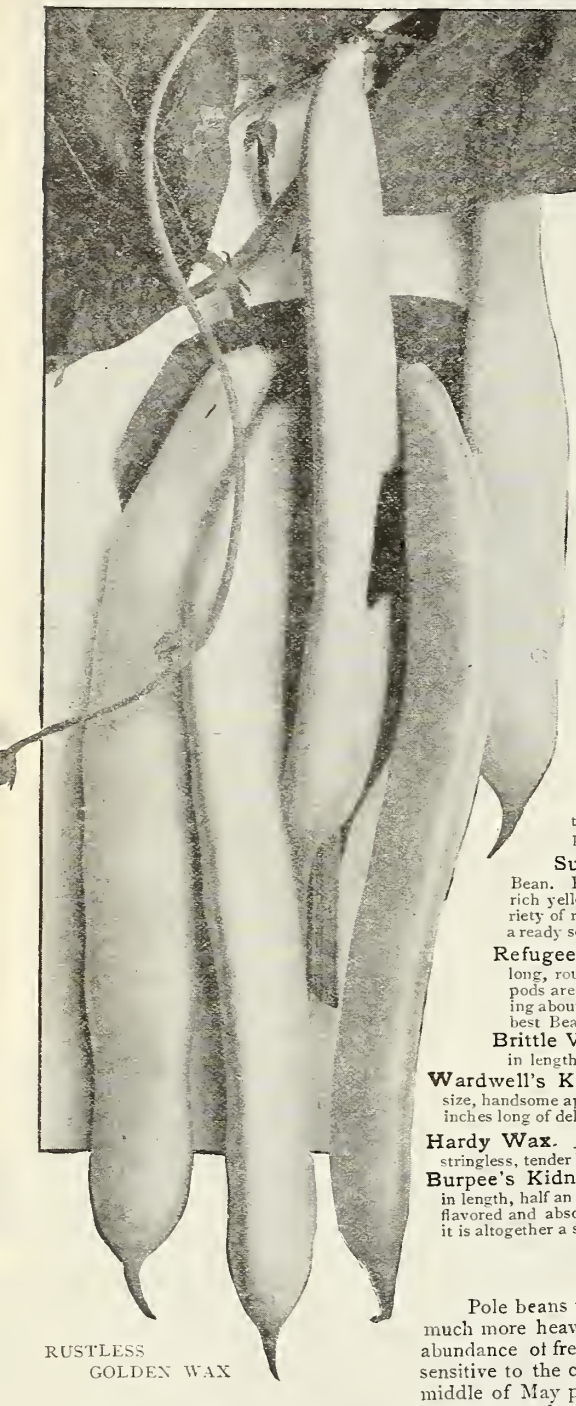
ARTICHOKE

Artischoke, Ger.
Alcachofa, Span.
Articiocca, Ital.

The Globe Artichoke is cultivated for its flower heads, which are used in an undeveloped state, cooked like Asparagus. Plant seed early in spring, three inches apart, in rows one foot apart. When one year old, transplant to rows three feet apart and one foot apart in the row. Where the winters are severe protect the plants with leaves or dry litter to keep the crowns from freezing.

Green Globe. (Seed). Packet, 10 cents; ½ oz., 45 cents; oz., 75 cents.

No other crop will give more satisfaction than an asparagus bed. Better start one this spring either from seed or roots



RUSTLESS GOLDEN WAX

Garden Beans

An indispensible part of every garden.

Bohen, Ger. Habichuela, Span. Faginoli, Ital.

THE Dwarf Beans are earliest and most hardy, as a general rule. In garden culture, Beans are usually planted about two inches deep, in rows eighteen inches apart, and three inches apart in the row; in field culture, in drills two to three feet apart, so as to cultivate with horse one way. Until blossoming season, frequent but shallow cultivation should be given. Seed of the large varieties should be planted with the eye downward. Two pounds of seed will be sufficient for 100 hills of Limas, and 250 to 300 hills of the other varieties, and for about 100 feet of drill. Plant one bushel per acre. Beans should never be worked when they are wet from either dew or rain as it causes rust. They can be planted in succession to within 60 days of frost. Remember, our prices on this page include postage or express to your station. For larger quantities you will find special prices quoted on page 35. Field Beans are shown in the Farm seed Section on page 36.

Yellow or Wax Pod Bush Beans

Prices on all varieties, on this page, by parcel post prepaid:
Packet, 10 cents; ¼ lb., 15 cents; ½ lb., 25 cents; 1 lb., 45 cents.
For lower prices on larger quantities see on page 35.

Rustless Golden Wax. ***A strong grower, free from rust*** and of remarkable vigor. The pods are meaty and well filled, of fine quality, and stringless. With its fine quality, hardiness, productiveness, and freedom from rust, it is a great improvement over the old-fashioned Golden Wax, and its yielding quality makes it one of the very best for the home garden.

Pencil-Pod Black Wax. Plants, when in bearing, about fifteen inches high, loaded with long, round, handsome, golden yellow pods. Perfectly stringless, brittle, tender and mild in flavor. Two or three days later but better than Prolific Black Wax.

Davis' White Wax Bean. A splendid white seeded bean. To be used either as a snap bean or as a dry shell bean. One of the best varieties for baking.

Prolific Black Wax. An old sort which still retains its popularity. It is very tender, crisp, and of fine quality. It is early, hardy, almost rust proof and very productive; pods long, yellow, round.

Sure-Crop Stringless Wax. An absolutely stringless, rust-proof, wax-pod, bush Bean. Pods seven to seven and a half inches long, about half an inch in diameter, and a beautiful rich yellow color. Plant hardy, extremely prolific, in fact it bears more freely than any other variety of recent introduction. Just the Bean for the family garden. On account of its size it is always a ready seller on the market.

Refugee Wax. One of the very best of the wax-pod sorts. The plants produce an abundance of long, round wax-like pods, perfectly stringless, tender and of the finest quality. In color, the pods are a rich ,creamy white. This variety is classed among the early sorts, as it comes into bearing about 40 days after planting and continues to bear for several weeks. It is certainly one of the best Beans for either the home garden or the market.

Brittle Wax. One of the best early varieties. The pods are round and long, often six inches in length, and a rich, golden yellow; stringless and tender. When ripe makes good shell bean.

Wardwell's Kidney Wax. A very popular variety, especially in some localities, because of the large size, handsome appearance and excellent quality of the pods. The pods are flat, broad, and usually five or six inches long of delicate, waxy yellow color, stringless and brittle. Very widely used by Market Gardeners.

Hardy Wax. A splendid, early, round-podded wax bean of recent introduction. It is hardy, entirely stringless, tender brittle and of waxy golden color. The plants are vigorous and exceedingly productive.

Burpee's Kidney Wax. A remarkable new Kidney Wax Bean. Pods measure from six to seven inches in length, half an inch broad and three-eighths of an inch thick, almost straight, very fleshy, brittle, finely flavored and absolutely stringless. The beans and foliage of this variety seem to be immune from disease and it is altogether a splendid bean for any garden.

Pole, or Running Beans

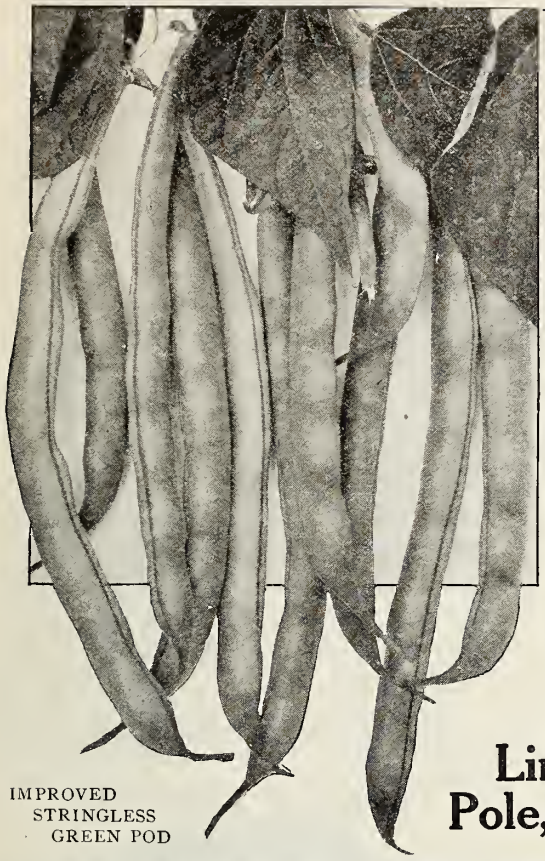
Pole beans well deserve to be used much more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fresh, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

Early Golden Cluster Wax. Vigorous and very productive; pods enormously large and long, flat, waxy yellow, tender, and of excellent quality. The best of the climbing wax beans and deserves a place in every garden.
packet 10 cents; ¼ pound 20 cts.; ½ pound 30 cts.; lb., 50 cts. postpd

Old Homestead (Kentucky Wonder). Earliest of the green Pole Beans and enormously productive. The pods though large, cook tender and are delicious. A most excellent snap variety.
Packet 10 cts; ¼ pound 15 cts; ½ pound 25 cts; lb.; 45 cts. postpaid

Scarlet Runner. An old favorite; used both as string and shelled beans. It is an excellent snap variety producing an abundance of large green pods In addition to its culinary value, Scarlet Runner is useful for ornamental purposes. The strong, rapid growing vines bear brilliant scarlet flowers from early summer until late fall; and may be used to good advantage for training over porches and trellises.
Packet 10 cts; ¼ pound 15 cts; ½ pound 25 cts; lb., 45 cts. postpaid

Where space is limited Pole Beans are very desirable because of their remarkable productiveness and long fruiting season



IMPROVED STRINGLESS GREEN POD

Green Pod Bush Beans

Pkt., 10 cts.; ¼ lb., 15 cts.; ½ lb., 25 cts.; lb., 45 cts., except as noted. Remember, these are Prepaid Prices. For lower prices on larger quantities, see page 35.

Bountiful. A new Green-Podded Bush variety that has come into prominence in the past few years, owing to its superior quality, earliness and productiveness. One great feature is that while it bears early, its pods remain in an edible condition for a long time. Pods often average 6 in.; one of the very best for market gardeners.

Dwarf Horticultural. A standard New England sort. The pods are medium in length, cylindrical, curved, splashed with bright red on a yellowish ground. The beans are round and speckled. An excellent variety shelled either green or dried.

Extra Early Red Valentine. One of the most popular of the extra early snap beans. Pods round, fleshy, and well filled with beans of excellent quality.

Extra Early Refugee. One of the earliest of the green-podded sorts, about two weeks earlier than Refugee, Thousand to One while retaining all the superior qualities of that variety; straight, tender pods, of fine flavor. Excellent for pickles. It is an enormous yielder. A splendid variety for market gardeners.

Full Measure. A bush variety, popular on account of its wonderful yield and quality. Handsome long green, round pods, of the highest quality and perfectly stringless. It also remains in picking condition many days after maturing, a strong point in its favor, either for market or home garden.

Giant Stringless Green-Pod. This is a distinct cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine, the pods being large, five to six inches in length, unusually crisp, round, full, and fleshy. A little later than Improved Stringless Green Pod.

Keeney's Stringless Refugee. One of the best green podded varieties having all the good points of the old-fashioned Refugee, differing only in the fact that it is perfectly stringless. It forms a strong, rank bush of many branches free from rust. Extremely hardy. Pods are long, round as a pencil; color light gray-green.

Improved Stringless Green Pod. The pods are absolutely stringless, full, fleshy, crisp, very tender, and of the finest flavor, remaining long in edible condition. Ready for the market two weeks earlier than Valentine, and very prolific.

Late Refugee or 1000 to One. Improved strain, for years the most popular late variety for canning in spite of the fact that it is a string bean. It was the most prolific bean in our trials.

Lima Beans Pole, or Running

Packet, 10 cents; ¼ lb., 15 cents, ½ lb., 25 cents; lb., 45 cents., except as noted. For lower prices on larger quantities see page 35.

King of the Garden Lima. A vigorous grower, requiring but two vines to eachpole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage through the season. Pods are large and beans well-formed.

Large White Lima. This old well known sort needs no description. The green beans, are very tender and delicious. If allowed to ripen the shelled beans make excellent eating.

Extra Early Jersey Lima. A splendid early variety earlier than King of the garden and a good sort to plant for succession.

Siebert's Early Lima. An extra early Lima and extremely productive bearing continously. Ten beans are large and of good quality.

New Giant Podded Pole Lima. Here is a real leader in the Pole Lima class. It is more robust than the ordinary Lima, bearing its great seven-inch pods in large clusters. It comes in mid-season with such varieties as King of the Garden, but is far superior in every respect to any other Pole Lima with which we are acquainted.

Pkt., 15 cents; ¼ lb., 20 cents; ½ lb., 30 cents; lb., 50 cents, postpaid.

Dwarf Bush Lima Beans

Fordhook Bush Lima. Without doubt the best Dwarf Bush Lima. Earlier than the Pole Limas by ten days. Pods measuring from four to five inches in length, containing four to five large, beans of excellent quality. The plants grow to a height of 20 to 30 inches; are strong and bushy and a rich dark green in color.

Packet 10 cents; 1-4 lb., 20 cents; ½ lb., 35 cents; lb., 60 cents.

Henderson's Bush Lima. Similar to Carolina Sieva but dwarf in habit. This proved to be one of the earliest and most prolific Lima Bean in our trials. The bean is small but plump and well filled. The best Bush Lima for Southern Territory.

Packet 10 cents; 1-4 lb., 15 cents; ½ lb., 25 cents; lb., 45 cents.

True Bush Lima. The bush grows from eighteen to twenty-four inches high, branching freely, bearing many large pods, well filled with delicious buttery beans. Plant in rows three feet apart, and thin to twelve or eighteen inches apart in the row.

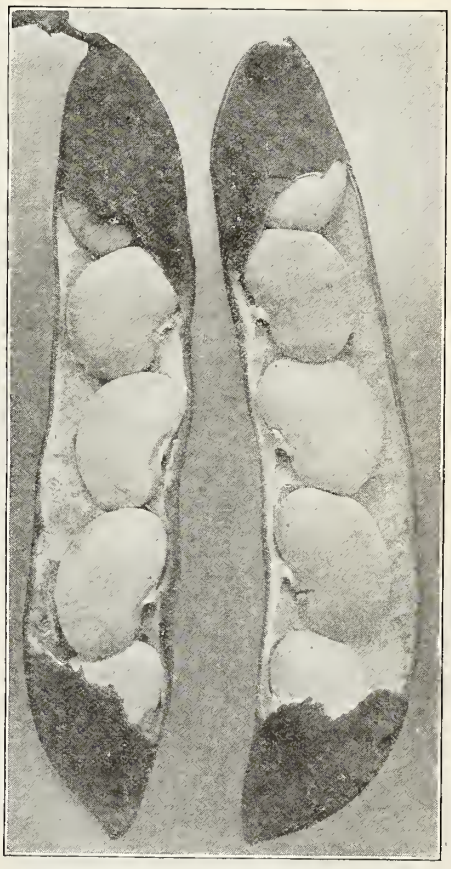
Packet 10 cents; 1-4 lb., 20 cents; ½ lb., 30 cents; lb., 50 cents.

Wood's New Prolific Bush Lima. A greatly improved strain of Henderson's Bush Lima or Dwarf Sieva Bean. Equally as early and prolific, and producing much larger pods and beans. About two weeks earlier than the true Limas; it is very desirable for planting for an early supply, or in lattiudes where the true Limas do not succeed well.

Packet 10 cents; 1-4 lb., 15 cents; ½ lb., 25 cents; lb., 45 cents.

I have been raising Lima Beans "for my own use" for over 30 years and your Giant Podded Lima is the finest I have ever seen. Although, they are not ready for use yet, I have measured some of them 7 inches long with 6 large beans.

Tilsonburg, Ont. Canada. *W. H. Hogan*



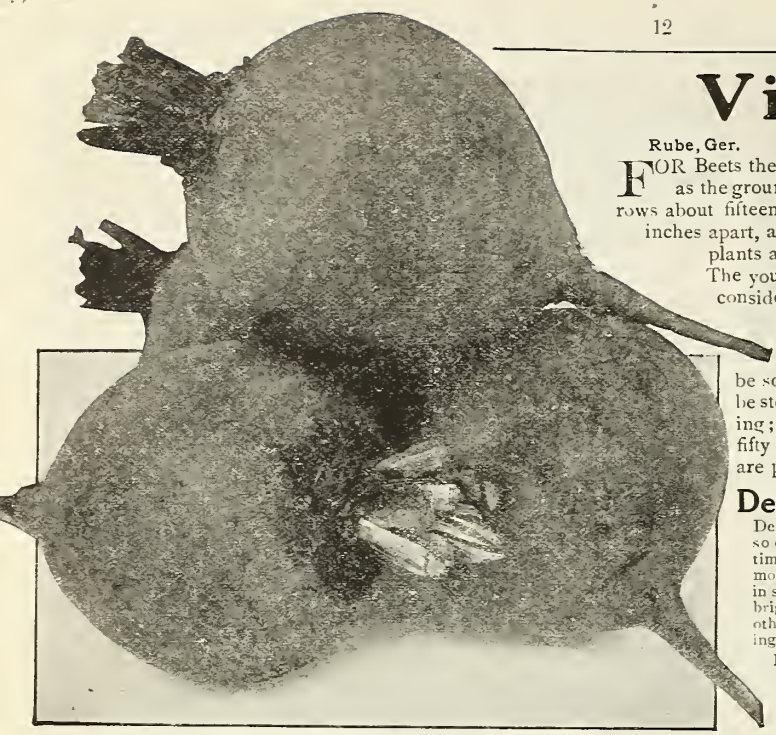
NEW GIANT PODDED POLE LIMA

Vick's Marvelous Bean shown on page 36 is the finest shell Bean we ever seen. Try some in your garden.

Vick's Beets

Rube, Ger. Remolacha, Span. Barbabietola, Ital.

FOR Beets the soil should be rich, mellow, and deep. Sow as early as the ground can be worked, in drills about one inch deep and in rows about fifteen to eighteen inches apart, dropping the seeds about two inches apart, and pressing the soil firmly over them. When the young plants are two to three inches high, thin to five or six inches. The young plants that are pulled out make delicious "greens," considered by many, superior even to spinach. It is a common practice to plant the seed extra thick to assure an abundance of these tender, fresh plants to use for this purpose. For winter use, the Turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, and covered with sand to prevent shriveling; or they may be kept in pits out of doors. One ounce to fifty feet of drill; five pounds to an acre. The prices below are postpaid. Special prices on larger quantities.



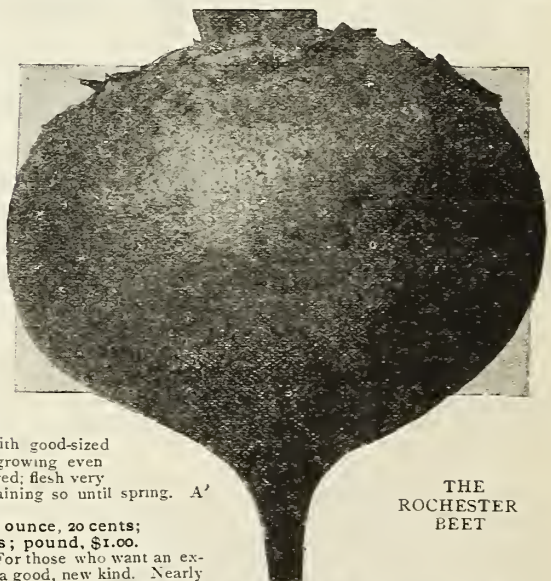
VICK'S DETROIT DARK RED BEET

Detroit Dark Red. The demand on us by market gardeners for a special strain of Detroit Dark Red Beet, uniform in shape, and with the dark red flesh so desirable in Beets, made it necessary for us to devote considerable time and effort in selecting and growing a strain that will please the most critical. In color and shape it is unsurpassed. Roots medium in size, globular, and very smooth; skin a dark blood-red; flesh deep bright red, fine-grained, tender and sweet, remaining so long after other varieties become woody. Tops small, admitting of close planting. The standard beet both for market and home gardener.

Packet, 10 cents; ounce, 25 cents; ¼ lb., 60 cents; lb., $1.50.

The Rochester or Improved Crimson Globe. A perfect Beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort but one of the best for the kitchen garden, as it is extra early.

Packet, 10 cents; ounce, 25 cents; ¼ lb., 60 cents; lb., $1.50



THE ROCHESTER BEET

Dewing's Improved Early Blood Turnip. Turnip-shaped, smooth, tender, and good. Pkt., 5 cts.; ounce, 20 cts.; ¼ lb., 40cts.; lb., $1.00.

Extra Early Egyptian Blood Turnip. A standard sort; ten to twelve days earlier than the old Blood Turnip; fine for forcing and for first early crop out of doors. Roots rich, dark crimson, with very small tap roots; flesh dark blood-red, zoned with lighter shade; crisp, sweet and a desirable and profitable Beet for the market gardener, as well as an exceptionally good variety for the home garden.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, $1 25.

Early Eclipse. This variety is exceedingly popular, and is one of the best early sorts. The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet, crisp and tender; dark red, zoned with a lighter shade.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Edmand's Early Blood Turnip. A market gardener's strain; regular in shape, round, with very small tap-root; flesh a deep blood-red, sweet and tender.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Crosby's Egyptian. A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep, blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well as for the market. Packet, 10 cents; ounce, 25 cents; ¼ pound, 60 cents; pound, $1.50.

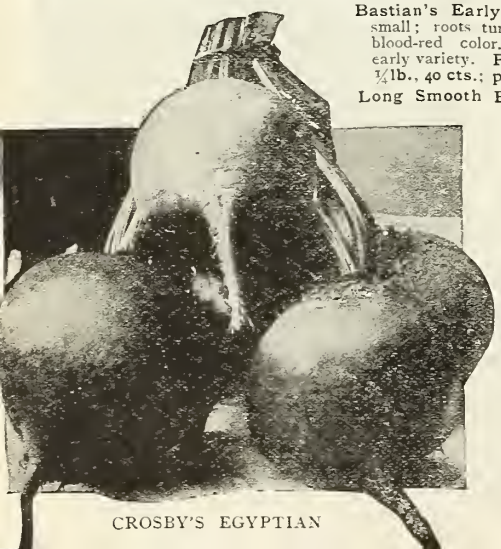
Bastian's Early Blood Turnip. Tops small; roots turnip shaped; flesh tender, blood-red color. An extra good medium early variety. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; pound, $1.00.

Long Smooth Blood Red. Tops large, with good-sized long roots, tapering, and growing even with the surface; dark red; flesh very sweet and tender, remaining so until spring. A popular winter sort.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, $1.00.

Vick's Early Market. For those who want an extra early variety, here is a good, new kind. Nearly globe-shaped with small tap root; flesh red, fine grained. It is especially recommended for Beet "Greens," being considered by many fully as delicious in flavor and quality as spinach. We have a fair supply this year and the price is very low. Pkt, 10 cents; ounce, 20 cents; ¼ pound 40 cents; pound, $1.00

Early Wonder. A deep blood-red beet, nearly globular in shape, with a small, clean tap root and a small sized top. One of the earliest and most uniform bunching beets that can be grown. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. Packet, 10 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, $1.25.



CROSBY'S EGYPTIAN

Kalaupapa, Hawaii. December 14, 1924.

"I have found your seed very good and I wish to thank you for the order I received sometime ago. I have recommended your seeds to friends and I am sure that should they require any they will order from you."

Peter Rosa.

Mangel Wurzel, for Stock Feeding

Mangel Wurzels are of especial value to the stockman and dairyman. The roots are juicy, sweet and nutritive, act as a mild laxative, and keep the cattle in good health, thus tending to produce flesh and increase the flow of milk. The owner of even one or two cows should grow a sufficient quantity of Mangels to provide fresh food in winter when green food is unobtainable. For field culture the rov should be wide enough to admit the horse cultivator, and the roots not nearer than one foot in the row. Sow five or six pounds of seed to the acre.

All varieties, ounce, 15 cents; ¼ lb. 40 cents; ½ lb., 60 cents; lb., 90 cents, postpaid. For larger quantities, 80 cents per lb., not postpaid.

Sludstrup Barres. This and the following variety, Danish Taaroje, have been worked up under the direction of the Danish Government. As a result of careful selection, they bave secured these improved Mangels, which yield a larger tonnage of sugar and other food material than ever before realized from any other variety. Our stock comes from a grower who was granted a First Class Certificate by the Danish government for the high percentage of sugar and solids contained in bis crops of these kinds. Sludstrup Barres is the variety to sow on light, deep soil. It is long, reddish yellow, grows well above ground, and is easy to pull.

Danish Taaroje. This is the best variety for heavy or shallow soil. Danish Taaroje has all the good points of Sludstrup Barres, but is more dwarf, ovoid or olive-shaped, and grows more above the surface. In color it is a golden yellow.

Vick's Golden Giant. **A Reliable Variety for the Stockman.** Very productive Root of immense size, growing with half its bulk above ground, making it easy to harvest Root uniform in shape, with a smooth, russet yellow skin flesb white, firm, and sweet.

Vick's Mammoth Long Red. This is truly a mammoth, a single root often weighing twenty to thirty pounds. Thc extra large, long roots are blood-red in color and very nutritious. Enormorously productive, yielding, under favorable conditions, thirty to forty tons of roots per acre.

Golden Tankard. A distinct variety, particularly valuable on account of its richness in saccharine matter, and higbly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct, deep yellow, is very sweet and tender The large roots are oval in shape, and therefore will pull easier.

Giant Half Sugar Rose. An excellent mangel rich in saccharine. Color deep rose Keeps well.

Kelway's Best of All. One of the best varieties yet produced. Combines all good qualities of Golden Tankard, Danish Sludstrup and Golden Giant. Of good size, and high food value.

A FIELD OF GOLDEN TANKARD MANGEL

SUGAR BEETS

When planted for a sugar crop, from six to eight pounds of seed will be required for an acre. Seed may be sown in drills twenty to thirty inches apart. When beets are up two or three inches high, they should be thinned out so as to stand from six to eight inches apart. Discontinue cultivation after formation of roots has commenced. On account of the amount of saccharine contained in the Sugar Beet, it is much relished by stock, and as a fattener it is very desirable.

All varieties, oz., 15 cts.; ¼ lb., 40 cts.; ½ lb., 60 cts. lb., 90 cts., postpaid; larger quantities 80 cts. per lb., not prepaid.

Klein Wanzleben Sugar. Is being cultivated almost exclusively for sugar, on account of its great yield of saccharine matter. It gives good returns in any ordinary soil.

Imperial White Sugar. One of the sweetest and best of Sugar Beets. Very productive and desirable for stock of all kinds.

DWARF GREEN CURLED SCOTCH KALE

FOLIAGE BEETS, Swiss Chard

Used for Leaves and Leaf-Stalks Only as "Greens"

Swiss Chard is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut otbers take their places very rapidly.

Packet, 10 cents; oz., 25 cents, ¼ lb., 60 cents, lb., $1 50.

Large-Ribbed Yellow Brazilian. Stems and veins a beautiful golden yellow. Leaves sligbtly crinkled ribs or leat stems tender and juicy.

Large-Ribbed Silver. Produce large, light colored leaves thick and tenderfor use as greens and the stumps are large and crisp and an excellent substitutefor Asparagras.

Lucullus or Giant Chard. One of tbe most popular varieties in the American market. Stalks as thick and broad as Rhubarb, leaves very large and crumpled. A splendid "Spinach" beet. "Dont fail to plant "Chard" this spring.

BORECOLE or KALE

A hardy plant of the Cabbage family, of easy culture, extensively grown for greens. Sow seed early in June and transplant. Culture same as for Cabbage. One ounce will sow a drill 300 feet in length.

Packet 10 cents; oz., 25 cents; ¼ lb., 50 cts; lb., $1.25.

Tall Green Curled Scotch. Finely curled; very hardy; one of the best.

Dwarf Green Curled Scotch Dwarf, beautifully curled, and bright green; hardy, and may be cut from the ground all the early part of winter.

Moss Curled Half-Dwarf. Finely cut, beautifully curled, deep green.

BROCCOLI

White Cape. This is a vegetable very similar to Cauliflower, but hardier and easier grown Will be found very valuable as a substitute for Cauliflower in the Southern States for very early spring or late fall planting but will not do well during the heat of the summer. Where the falls and winters are mild it is a splendid late crop. **Pkt, 15 cents; ½ oz., $1.75; oz., $3.00; ¼ lb., $5.00**

Fulton, Ind., Feb. 26 1924

I am sending in my order as usual. This makes thirty-six years I have ordered my garden seeds from Vick's. I have always been successful and I can truly say your firm is most reliable and I can recommend it to any customer who needs seeds of any variety, vegetable or flower. Last year I had the most beautiful red Asters anyone would wish to see. I wish you great success in the future.

Mrs. Martin Warer.

If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season

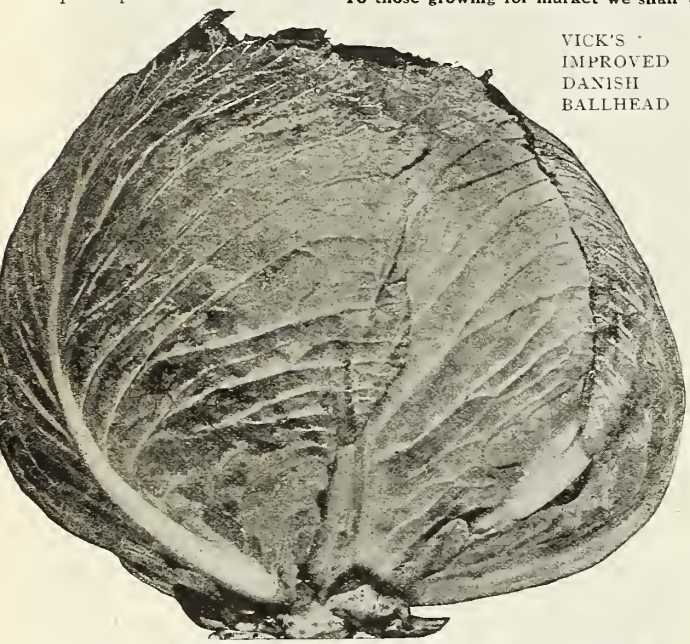
VICK'S CABBAGE

Repo.io, Span. Cavolo Capopucci, Ital.

TE WONDER how many of the readers of this catalogue know these facts about cooking Cabbage: First, place the Cabbage sliced properly in boiling salted water. Cook about twenty or twenty-five minutes, not more, uncovered. If you have never tried this plan, you will be surprised how much it adds to the delicious quality, the tenderness, digestibility and the freedom from odor. If the American people in general knew these facts, it would increase the use of Cabbage enormously. Cooked this way, Cabbage is a delicacy fit for the choicest table. Cabbage is grown so easily and may be kept through the winter so readily that a few heads should be in every garden.

Seed of early kinds should be started under glass; the late kinds outdoors, protected from late frosts. When the permanent bed is ready, the plants, which should have at that time about four to six leaves, should be transplanted to the garden; the small, early kinds about eighteen inches apart; the larger varieties in rows three feet apart, two feet apart in the row. About four ounces of seed are required per acre.

To those growing for market we shall be pleased to quote special prices on large lots.



VICK'S IMPROVED DANISH BALLHEAD

Vick's Improved Danish Ballhead. Heads hard, solid tender, and crisp. The leading late sort. Danish Ballhead is more largely grown for market than any other late variety, and without a douht is the hest of the late sorts. It frequently commands a higher price in the market than any other late variety. It is remarkahle for the solidity of its heads and long-keeping qualities. The heads are of medium size, measuring from eight to ten inches in diameter, with few outer leaves, admitting of close planting; exceedingly fine-grained, hardiest of all, tender, crisp, solid, with no waste heart. Under fair conditions will average six pounds per head.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 30; ¼ lb., $1.00; lb. $3.25.

Vick's Short-Stemmed Early Danish Ballhead. A choice strain selected from the famous Danish Ballhead Cahbage, that has hecome one of the hest and most popular sorts hoth for home and market growing. The heads are very large; as round as halls and as solid as bullets. It is short-stemmed and as strong and vigorous as any American variety. Fully two weeks earlier and will keep and ship as well as Danish Ballhead. Packet, 10 cents; ½ oz., 20 cents; oz., 30 cents; ¼ lb., $1.00; lb. $3.25

All Seasons A very superior, sure-heading, long-keeping sort, unsurpassed hy any other. The heads are large, nearly round, somewhat flattened, very solid, and of the hest quality. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., $0.90; lb.$3.00

Glory of Enkhuizen. One of the best second early varieties. Earlier than All Seasons, very solid, nearly round. An excellent variety to follow Copenhagen Market.
Danish grown pkt, 10 c.; ½ oz., 20 c.; oz., 35 c; ¼ lb., $1.10. lb; $3.50.

Improved American Savoy. The Savoy Cahhages deserve to he hetter known in America. They are superior to other Cabbages for cooking, having greater tenderness and delicacy of flavor. Improved American Savoy is the hest of all either for market or kitchen garden, and a reliahle header
Packet, 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb;, 85 cts. lb; $2.50.

Selected Early Jersey Wakefield. The headsare conical in shape, solid and compact. The quality is very firm, sweet and tender. Without doubt the most popular extra early variety.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 90 cts.; lb; $3.00.

20th Century. This variety introduced hy ourselves in 1900, came to us from Denmark, the home of the famous Danish Ballhead Winter Cabhage, and is without exception the earliest round head Cabhage yet introduced. The heads are round, medium sized and solid as a cannon hall.
Packet, 10 cts.; ½ oz., 20 cts., oz., 30 cts.; ¼ lb., 90 c.; lb., $2.75.

Charleston, or Large Wakefield. A strain of Wakefield in which the heads are much larger and not so pointed; matures ahout a week later.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., $0.90. lb; $3.00.

Early Winnigstadt. A distinct second early sort, and an old favorite for general cultivation. Very hardy, and a sure-heading variety, The heads are uniform in size, sharply conical in shape, and very solid. It is especially valuahle for early use, but it also makes a good winter crop on accoint of its solidity, and short, thick leaves.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 90 cts.; lb. $3.00

All-Head Early. Deep, flat head. Very uniform in size and color. The earliest of all extra large Cahhages. The leaves are compact, thus admitting close planting. A good keeper, desirahle for hoth early fall and winter.
Packet, 10 cts.; ½ oz., 15 cts.; oz., 25 cents; ¼ lb., 85 cts. lb; $2.50.

Improved Early Summer. It is a large-headi.., second early variety, nearly round, somewhat flattened, solid and uniform in size, and will keep longer without hursting than most of the early sorts.
Packet, 10 cents; ½ oz.,15 cents; oz., 25 cents; ¼ lb., 85 cts. lb; $2.50.

Copenhagen Market. One of the hest early Cahhages either for the home garden or for market purposes. Everyone familiar with Cahhage knows the old and popular Danish Ballhead, the hest of all the late Cahhages. This new medium early variety, ripening with the Charleston Wakefield, also originated in Denmark, and is as good in its class, as the old favorite Danish Ballhead. The stem is short, the head round and solid. Either for the home garden or market it is one of the leaders. Keeps well until midwinter
Best Danish grown, packet, 10 cents; ½ oz.,25 cents; oz., 40 cents. ¼ lb., $1.25. lb; $4.00.

IMPROVED AMERICAN SAVOY

Vick Quality in Cabbage Seed may make all the difference between a crop of cabbage heads and a crop of cabbage leaves

HEAD OF CHINESE CABBAGE CUT OPEN TO SHOW THE CRISP, TENDER, BLANCHED HEART

Premium Late Flat Dutch. An old, reliable, and popular Cabbage. It produces large, solid heads of superior quality, keeping in bes condition for a long time.

Pkt., 10 cts.; ½ oz., 15 cts.;oz., 25 cts; ¼ lb., 85 c.; lb. $2.50.

Mammoth Rock Red. This is a fine red Cabbage and a most reliable header. The quality is excellent. The head is extra large, round, very solid and of a deep red color.

Packet, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.10 lb. $3.50

Surehead. One of the best main crop or late varieties, being very hardy, sureheading and of delicious flavor. Heads are large, broad, slightly flat and very solid. Very tender and sweet. Excellent for the home garden or for field culture. Pkt, 10 c.; ½ oz., 15 c.; oz., 25 c.; ¼ lb., 85c.;lb., $2.50.

OTHER STANDARD VARIETIES OF CABBAGE

In addition to the varieties described above in detail, we offer the following excellent standard sorts. **Early Spring, Early Drumhead, Large Late Drumhead, Improved Succession, Volga, Autumn King or World Beater, Louisville Drumhead, Stonehead (Red Cabbage).**

Pkt., 10c.; ½ oz., 15 c.; oz., 25c.; ¼lb., 75 c.; lb. $2.25.

Chinese or Pe-Tsai Cabbage

This is often called Celery Cabbage. It grows rapidly and matures heads in less time than other varieties. Requires no transplanting.

The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like Lettuce or cooked like other Cabbages.

Chinese Cabbage should be sown in this latitude at the same time as Turnips, after the first of July. Early plantings run quickly to seed in hot weather. Sow in drills 14 to 20 inches apart, and thin the seedlings 2 or 3 times, or, if grown for the market, start in boxes and transplant like late Cabbage.

Pkt., 10 cents; ½ oz., 20 cents; oz., 30 cents; ¼ lb., 90 c.; lb., $2.75.

VICK'S CAULIFLOWER

WHAT VEGETABLE dish is more delicious or dainty than fresh, tender Cauliflower especially of the highly developed varieties listed below? To our mind nothing surpasses the appetizing quality of this increasingly popular food. Cauliflower is as easy to grow as Cabbage and in many respects much more interesting. How many of our readers know that the Cauliflower heads when ready for market are merely the flowering buds out of which, if the plants were allowed to grow, long branching seed stems would develop? Sow seed for earliest crops in pans, boxes or hot bed in February or March according to latitude. If possible, transplant at least once before setting in the open ground. Set plants in rows at least eighteen inches apart in rich loamy soil. One ounce should produce about 3,000 plants.

Vick's Ideal. This variety has exactly the qualities that make it the leading kind for market or private use. It is one of the earliest, as well as being an invariably sure leader forming large, pure white, solid heads of finest quality even under unfavorable conditions. Pkt, 20 cts; ¼ oz., 90 cts.; oz., $2.75.

Early Snowball. Next to Vick's Ideal we can recommend Early Snowball as one of the earliest and surest heading varieties. Its dwarf habit and short outer leaves allow it to be planted very close—eighteen to twenty inches apart. It is well adapted for forcing under glass throughout the winter and spring.

Packet, 20 cents; ¼ ounce, 90 cts.; oz., $2.75.

Danish Perfection One of the best early varieties, much like Snowball, but a week later. Has an abundance of outer leaves making it especially easy to blanch. No leaves protrude through head.

Pkt., 15 cts.; ¼oz., 90 cts.; oz., $2.75.

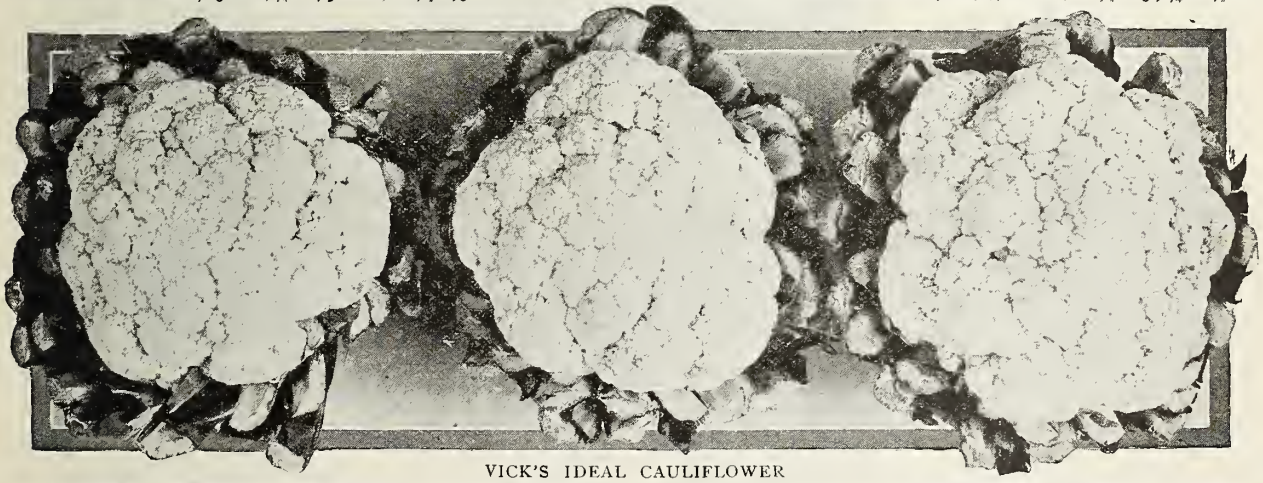
Erfurt Earliest Dwarf. This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. Packet, 20 cents; ¼ oz., 90 cts.; oz., $3.00.

Vick's Danish Giant (Dry Weather). Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, solid heads. Packet, 20 cents; ¼ oz., $1.00; oz., $3.00.

Early Paris, or Nonpareil. This is a well known standard French variety. Producing very early, good-sized, pure white heads, which are tender and delicious. Packet, 10 cts.; ¼ oz., 50 cts.; oz., $1.50.

Veitch's Autumn Giant. A good distinct late variety, producing large firm, pure white heads. Pkt, 10c; ¼ oz., 20c; oz., $0.65; ¼ lb., $2.00.

Large Late Algiers. One of the best late sorts. A sure header. Endures a considerable freeze. Pkt, 10c; ¼oz. 20c.; oz., $0.65; ¼ lb., $2.00.



VICK'S IDEAL CAULIFLOWER

Try raising Cauliflower. By following directions anyone can supply himself from his garden with this delicious vegetable

VICK'S CARROTS

(See illustrations in color opposite page 32.)

MODERN cooking methods furnish numerous recipes in which Carrots are a most delicious dish. Creamed, alone, or in combination with Peas or other vegetables, they meet the approval of the most epicurean taste. They are used extensively in the best restaurants. For home use they are deservedly increasing in popular favor, not only as a table delicacy, but because of their high food value. For stock feeding the nutritive value of Carrots surpasses most other vegetables. Every stock owner should plant at least a small acreage of Carrots to supplement his fodder ration next winter to take the place of grain. In proportion to other costs they furnish very cheap food. Sow in drills one-half inch deep, one ounce for 100 feet; three to four pounds per acre.

Earliest French Forcing. The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine grained, and remarkably fine flavored. It is used by leading gardeners for bunching for early market. Root orange-red. Top very small.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.35.

Early Scarlet Horn. This is a favorite for the early crop. It is not large, and is sold extensively in all markets buncbed. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.25.

Half-long Nantes Stump-rooted. Of medium size, admirably adapted for bunching, and one of tbe best for summer use in the home garden. Roots about six inches long, very smooth and cylindrical, with no core; very sweet and tender.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.25.

Chantenay Stump-rooted. One of the best early Carrots in cultivation. In shape it is midway between the Half-Long Nantes Stump-Rooted and the Guerande or Oxheart varieties, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Its color is orange-red; tbe flesh crisp and tender. Early and a heavy cropper. A Carrot wbich market gardeners should plant as a main crop.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.35.

Guerande or Oxheart. This variety has given great satisfaction. While not attaining one-half the length of many other varieties it will compare favorably in bulk of crop, as on good land it will produce Carrots from 2½ to 3 inches in diameter. The crop can he pulled by band. Excellent for table use, as well as for stock. Roots are about six inches long, smooth and cylindrical; no core; sweet and tender.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.25.

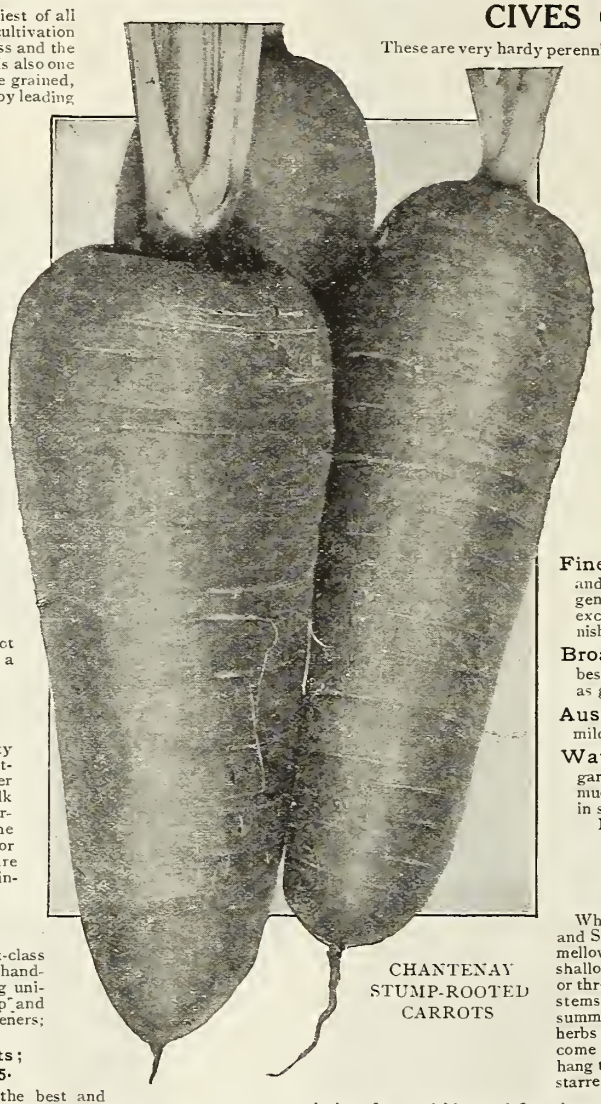
Danvers Half-Long Orange. A first-class variety; flesh dark orange. The smooth, handsome roots are of medium lengtb, tapering uniformly to a blunt point; flesh sweet, crisp and tender. A great favorite with market gardeners; also valuable for a field crop.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.35.

St. Valery Intermediate. One of the best and handsomest main-crop Carrots. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. Enormously productive. Very desirable for private gardens, as well as for market.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $125..

Improved Long Orange. It grows to a large size, some specimens measuring twelve inches in length. Enormous crops can be grown under fair culture. One of the best varieties for feeding stock.
Packet, 5 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, $1.00.

Improved Short White (Vosges). For a field Carrot this is unexcelled The roots are short, very heavy at the shoulder, tapering to a point, and therefore easily barvested. Especially suited to shallow soils.
Packet, 5 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, $1.00.

Belgian Carrots. The great stock-feeding Carrots of Europe. Grow to a large size. Very productive. Orange Belgian, White Belgian, each, Packet, 5 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, $1.00.



CHANTENAY STUMP-ROOTED CARROTS

CIVES OR CHIVES

These are very hardy perennial plants, belonging to the Onion family They are grown exclusively for their tops, which are used for giving mild onion-like flavor to soups, stews, etc. Planted in clumps in any good garden soil, tbey grow readily.
Roots, per bunch, 25 cents.

CORN SALAD, Fetticus

A favorite salad plant in Europe, used in winter and spring as a substitute for Lettuce. The leaves are sometimes boiled and served as Spinach. It is hardy and quick-growing.
Packet, 10 cents; oz., 25 cents; ¼ pound, 60 cents; lb. $1.50.

CRESS, Peppergrass

Cress or Peppergrass may be used to excellent advantage for salads, garnishing, or as an addition to winter Lettuce and other salad plants, to which it gives a pungent relish. May he planted in pots and boxes and grown in a sunny window. Leaves may be chopped off as desired.
Pkt, 10 cts.; oz., 20 cts.; lb., $1 00, except where noted.

Fine Curled. Rapid growing, dwarf and compact. The leaves are crisp, pungent, finely cut and ornamental, and are excellent either as a condiment or for garnishing. Will bear cutting several times.

Broad-Leaved Garden. One of the best for upland culture, better than mustard as greens and a good flavoring for soups.

Australian. Leaves delicate green; flavor mild and fine. Good winter salad.

Water. Highly esteemed for salads and garnishing. Does well with out care in mucky situations, or on the edge of streams, in shallow water. Perfectly hardy.
Packet, 10 cents; oz., 50 cents.

USEFUL HERBS

Each, per packet, 10 cents.

Why not utilize the corners for a few Pot and Sweet Herbs? They thrive best in a rich, mellow soil. Sow the seed early in spring in shallow drills, one foot apart; when up to two or three inches transplant. The leaves and stems may be used for flavoring during tbe summer and dried for winter use. Gather the herbs on a dry day, just before they have come into full blossom. Tie in bunches and hang them where they dry quickly. Items starred (*) are perennial.

Anise, for garnishing and flavoring.
Basil, Sweet, for flavoring.
Borage, leaves used as salad and flavoring.
***Caraway**, seeds used in pastries.
***Catnip**, has medicinal qualities.
Coriander, seeds aromatic.
Dandelion Improved Thick Leaved, used largely for spring greens
Dill, seeds used for flavoring pickles
***Fennel, Large sweet**, for flavoring
***Lavender**, (Spica) medicinal.
Lavender Vera. True.
Marjoram, Sweet, for flavoring.
***Rue**, medicinal.
Saffron, medicinal, also for dying.
***Sage**, culinary and medicinal.
Savory, Summer, culinary berbs.
Savory, Winter, culinary herbs.
Sorrel, French, used like spinach.
***Thyme**, Broad Leaved Winter, medicinal and culinary.
Thyme Summer.
***Wormwood**, medicinal.
Lavender Roots, by mail, each, 25 cents, doz., $2.50.
Sage Roots, by mail, each, 15 cts.; doz., $1.50.

Be sure to grow plenty of carrots in your garden and have them fresh for the table, crisp, sweet and tender.

VICK'S CELERY

IF YOU WANT first class Celery with all it's original rich nutty flavor and tenderness, grow it yourself and have it fresh and crisp out of your own garden. Celery is not hard to grow and even the amateur can secure very satisfactory results especially with the improved varieties shown below. It will thrive in any rich, mellow soil with proper care. Sow seed in an open seed bed as early as soil can be worked, or in the house or hot bed in March for early plants. As plants grow, thin and transplant at least once and finally, set into rich, thoroughly prepared soil. Full cultural directions on the back of each packet. One ounce of seed will produce four to five thousand plants. One-quarter to one-half pound per acre.

Golden Self-Blanching

Vick's Special French Grown Seed

No other Celery offered to the American people approaches this variety in quality, flavor, color or habit of growth

Golden Self-Blanching forms a solid stalk, tender and crisp; the delicate cream-yellow color makes it attractive when offered for sale as well as inviting when on the table. The flavor is of the best—rich and nutty. In habit of growth it is stocky, uniform in height, and very compact. This variety originated in France and our seed is grown by the originator, who ships it directly to us; it is the best that money will buy.

Without exception truckers and market gardeners who grow this variety get top notch prices in the market. Numerous instances have come to our attention this fall where growers have received $400 to $500 per acre more for their celery than their neighbors adjoining. Car after car of celery grown from our seed have been shipped this fall to the big city markets for the choicest table trade. The owner of every garden, no matter how small, with reasonable care, under favorable conditions, with this seed can raise celery for his own table which will vie with that used at the most expensive banquet—large tender stalks, juicy, nutty, fragrant, sweet,—a salad fit for the gods.

Packet, 15 cents; ½ oz., 80 cents; oz., $1.50; ¼ lb. $4.50.

A glimpse of a field of celery which brought its owner, who, by the way, used to be connected with this house and who, therefore, knows the history of this particular strain, and places his order here every year, more than five thousand dollars, simply because of the high quality, tenderness, crispness, fragrance, sweetness and high bred charactertistics of plants grown from this special strain.

Vick's American Grown Self-Blanching Celery

It has for years been a well recognized fact that the best strains of Celery, especially of the Self-Blanching kind, have come from a small section of France. Until recently we had never found a strain of American seed in which we had much confidence.

Owing to conditions in Europe, it has been a difficult matter to secure seeds from that source. We, therefore, arranged with one of the leading growers of Celery in this country, to produce a crop of seed from the original French stock. This seed has been thoroughly tested and has proven very similar to the French in style of growth, solidity and color. Some of our leading Celery growers in this vicinity are now using all American grown seed, and pronounce it very satisfactory.

Pack, 10 cent; ½ oz. 40 cents; oz. 70 cents; ¼ lb. $2.00

Rose-Ribbed Self-Blanching. This magnificent sort comes to us from the originator, the grower of our market garden strain of Golden Self Blanching, and resembles in general character that most valuable variety. The stalks are large, thick and beautiful, tinted with rose color at the base while the upper part of the stems, particularly the hearts, are a deep, rich yellow. **Packet, 10 cents; ½ oz., 30 cents; oz., 50 cents; ¼ lb., $1.50.**

Vick's-Easy Blanching. A splendid second early variety of recent introduction. Stalks dwarf, white and solid; foliage light green. Flavor is excellent. Unlike most early varieties "Easy Blanching" is a good keeper. **Packet 10 cents; ½ oz.; 30c.; oz., 50c.; ¼ lb., $1.50.**

White Plume. A variety especially adapted to cultivation by amateurs as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. Tender crisp, and of good flavor. **Packet, 10 c.; ½ oz., 35 c.; oz., 60 c.; ¼ lb., $1.75.**

Improved Golden Heart. A selection from the old favorite Golden Heart Celery. Grown extensively for private use as well as for market. **Improved Golden Heart** is one of the finest late varieties. The heart, when blanched is a rich golden yellow.
Packet, 10 cents; half oz., 20 cents; oz., 35 cents; ¼ lb., 90 cents.

Winter Queen. A splendid new variety, having the long keeping qualities of the winter celery and blanching easily, like the Golden Self-Blanching. Hardy, vigorous and of fine quality.
Packet, 10 cents; half oz., 25 cents; oz., 40 cents; ¼ lb. $1.00

Giant Pascal. This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp and keep well into the winter. It has a fine nutty flavor, and is free from any trace of bitterness. It blanches with but slight earthing up and retains its freshness a long time after being marketed. **Packet, 10 cts; ½ oz., 30 cts; oz., 50 cts; ¼ lb., $1.50 cts.**

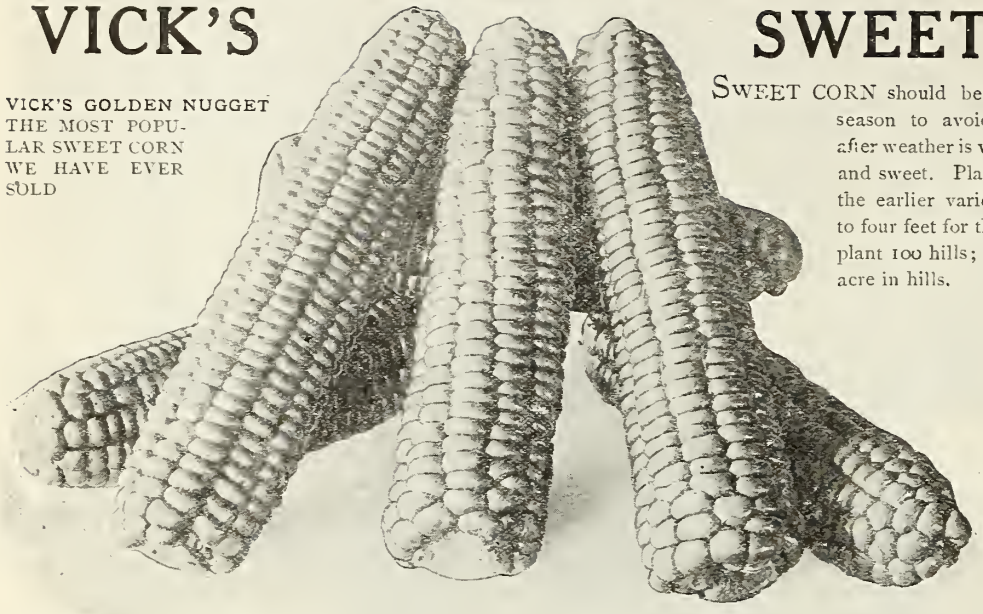
Columbia. In season this variety closely follows Golden Self-Blanching but blanches later in the fall. The foliage and stalks, light green in summer, turn a golden yellow when blanched. The stalks are large, fine grained and of extra good flavor. This variety keeps well for early winter use. Very popular as a shipping variety, and equally good for the home garden. **Packet, 10 cts. ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.**

Turnip-Rooted (Celeriac) Large Smooth Prague. An improved form of the Turnip-rooted Celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. **Packet, 10 cts; ½ oz., 20 cents; oz., 35 cts; ¼ lb., 90 cts.**

Celery Seed for flavoring. (Not for planting.) Excellent for seasoning soup. **Ounce, 10 cents; ½ lb, 60 cents; lb., $1.00.**

For the Home Garden, Paris Golden Dwarf Self-Blanching, very attractive color, exceedingly tender and of excellent flavor.

VICK'S SWEET CORN



VICK'S GOLDEN NUGGET
THE MOST POPULAR SWEET CORN WE HAVE EVER SOLD

SWEET CORN should be planted late enough in the season to avoid cold weather. Does best after weather is warm and soil becomes mellow and sweet. Plant in hills, three feet apart for the earlier varieties, and three and one-half to four feet for the late ones. One pound will plant 100 hills; sixteen to twenty pounds an acre in hills.

Vick's Golden Nugget

The most popular Sweet Corn we have ever sold.

Ready for table use only a few days after Golden Bantam. See illustration in color opposite page 32

Packet, 10 cents; ½ lb., 35 cents ; lb., 60 cents. Postpaid. For lower prices on larger quantities, see page 35.

The greatly increasing demand for our Golden Nugget Corn has made it absolutely necessary for us to add each year to the number of acres of this variety on our Seed Farms to fill our orders. Its hardiness and productiveness are two of its strongest characteristics. See accompanying photos. It produces usually two or three, and occasionally as many as four ears to a stalk. The ears are large, from 2 to 2½ inches in diameter, fully seven inches long, and having 10 to 14 rows of plump, tender, sweet and milky kernels. It is particularly attractive when cooked, showing a rich creamy color—and it tastes just as good as it looks, far excelling any other yellow variety except Golden Bantam in quality and flavor. In season Vick's Golden Nugget follows Golden Bantam, maturing about a week later, when planted at the same time. The yield is double that of Golden Bantam, the plants of Golden Nugget being from one to two feet taller, the ears larger, and more to the stalk.

Vick's Golden Nugget has been developed on our own farms with the idea of producing the very best corn obtainable.

Vick's Golden Nugget is frequently specified on the menus of the largest and finest hotels in New York, Philadelphia, Chicago and other cities.

VICK'S GOLDEN NUGGET

Its great productiveness is one of its strongest points. Note the four ears to the stalk.

I want to write you a good word about your Golden Nugget Sweet Corn, to say we planted it last year and it was great the yield was large, growing good sized ears (picking it at right time) and without doubt it was the sweetest corn we ever had in fact we all said we never had any to equal it.
Palisades Park, N. J. *John Brinkerhoff*

EARLY VARIETIES

Packet, 10 cents; ½ lb., 20 cents, lb., 35 cents, except as noted. Postpaid.
For lower prices on larger quantities see page 35.

VICK'S MORNING DEW The Largest Extra Early White Sweet Corn Ever Developed. Introduced by us in 1920. Developed after several years of careful plant breeding and selection. While the ears are as large as the late kinds they mature only a week or ten days later than Golden Bantam. In quality and flavor it is unsurpassed by any other White Sweet Corn Extremely prolific, it will regularly yield three to six ears to the hill. For the truck gardener this variety is a wonder, as the large handsome ears coming so early in the season, are readily sold at fancy prices. Illustration in natural color opposite page 32.
Pkt., 10 c.; ½ lb., 30 c.; lb 50 c., postpaid.

Vick's Earliest of All. This is in *fact* the "earliest of all." Very excellent, tender, and sweet. To market gardeners this variety is of great value, as the first Sweet Corn will bring two or three times the price commanded when the supply becomes general. Also desirable for the home garden. The stock we offer this season has been so improved by pairs of careful selection and breeding that it is far earlier and better than ever.
Pkt., 10 c.; ½ lb., 30 c.; lb , 50 c., postpaid.

Mammoth White Cory. An excellent sort, but little later than Earliest of All. The stalks are large, and each stalk bears two or more large, fine-shaped twelve-rowed ears; remarkable for its good quality for so early a sort. All gardeners who cater to the best trade should plant this variety.
Pkt., 10 c.; ½ lb., 30 c.; lb., 50 c., postpaid.

Early Dawn. A very early white corn of excellent quality. Ears average six inches in length with about eight rows of clear juicy kernels, sometimes tinged with red. Ready to eat in about 65 days after planting. Pkt., 10 c.; ½ lb., 25 c.; lb., 40 c., postpaid.

Early Minnesota. An old and popular dwarf variety. Ears fine, of good, sweet quality. Desirable for both the market and private garden.
Pkt., 10 c.; ½ lb., 35 c.; lb., 60 c., postpaid.

If you do not grow your own Sweet Corn always insist on Vick's Golden Nugget when buying from your grocer

EARLY VARIETIES

Continued

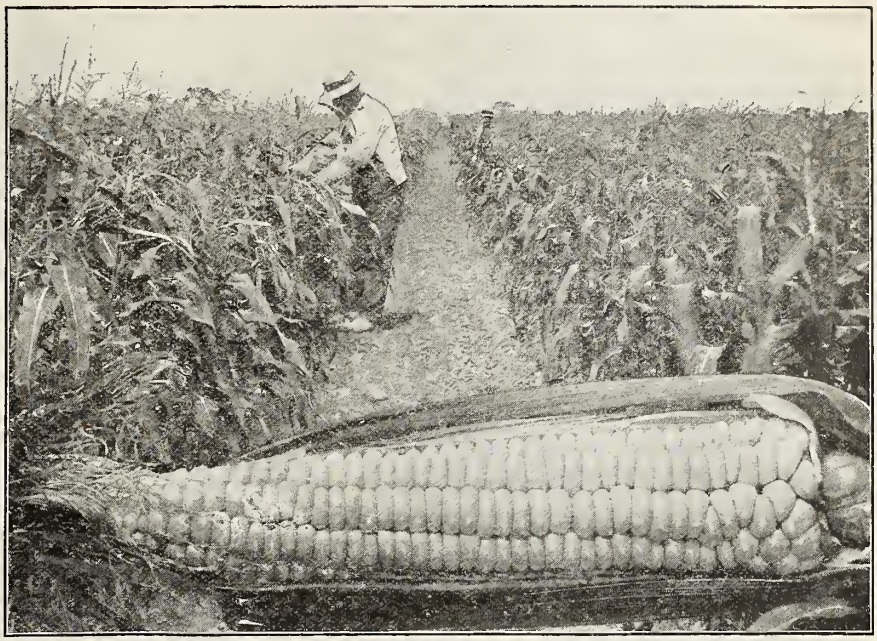
For prices on larger quantities see p. 35

Extra Early Golden Bantam. Golden Bantam is early, very hardy and will stand planting earlier in the season than other varieties. It grows about four feet high, bearing one or two medium sized ea s of a rich, golden, yellow color. When cooked is exceedingly sweet and tender. It is considered one of the best and most popular varieties ever introduced. We have been carefully breeding up our stock of Golden Bantam until we now have a strain whicb is much larger, more productive and still retains its earliness and excellent eating qualities. Notice tbe pictures on this page showing two views of our growing crop.

Pkt., 10 c.; ½ lb,, 30 c.; lb., 50 c., postpaid.

Dreer's Aristocrat. Is an extra early variety following Mammoth Cory in season. Stalks grow from four to six feet high and ears of large size. A most desirable corn, with exceedingly large ears for an early dwarf sort; the grains are extremely sweet, broad and deep. Indeed, it is the best of the pink grained varieties; very productive.

Pkt., 10 c.; ½ lb., 30 c., lb., 50 c. postpaid.



INPECTING OUR GROWING CROP OF GOLDEN BANTAM CORN.

LATER VARIETIES

For prices on larger quantities, see page 35.

Bantam Evergreen. A cross between the famous Golden Bantam and Stowells Evergreen resulting in a corn about the size and shape of Evergreen and retaining the sweetness, color and high quality of the Golden Bantam.

Packet 10 cents; ½ pound 35 cents; pound 60 cents; postpaed.

Howling Mob. One of the best-flavored and most tender varieties. Ears average eight inches long with fourteen to sixteen rows of pearly white juicy kernels. Medium early.

Packet., 10 entsc; ½ pound 25 cents; pound 40 cents; postpaid.

Early Evergreen. This fine variety is from ten to twelve days earlier than Stowell's; and though it is not quite as tall, it yields large, handsome ten or twelve-rowed ears.

Packet 10 cents; ½ pound 35 cents; pound 60 cents; postpaid.

Stowell's Evergreen. For many years tbis variety has stood at the head of the list of late Sweet Corn, and it bids fair to hold the position for years to come. For main late crop, for the family garden, for the market grower and the canner, it is unexcelled.

Packet 10 cents; ½ pound 30 cents; pound 50 cents; postpaid.

Black Mexican. The ripe grain of this novel variety is black or bluisb black, but when in condition for the table looks remarkably white. Tbis is considered the sweetest and most tender of any variety of Sweet Corn. Excellent variety for popping.

Packet 10 cents; ½ pound 30 cents; pound 50 cents; postpaid.

Country Gentleman. A delicious Corn for family use. The ears are good-sized and produced in great abundance. Its long, small, milky kernels are full of sweetness; the cob is small, and the corn white and tender; it is sure to please. It is somewhat later than Stowell's Evergreen.

Packet 10 cents; ½ pound 35 cents; pound 60 cents; postpaid,

POPCORN

Shelled corn, packet, 10 cts; ½ lb., 20 cts; lb., 35 cts. Postpaid. By Express or Freight not prepaid, 5 lbs., 90 c.; 10 lbs., $1.60; 25 lbs., $3.75.

Red Beauty. One of the most prolific popcorns' grown, as high as 3 to 4 handsome dark red ears to the stalk and is the earliest of the large eared corn. Pops white and full. In our opinion the finest popcorn tbat can be grown. Illustration in color opposite page 32.

White Rice. Most popular for general use. White, sharp-pointed kernels.

Queen's Golden. Fine yellow variety; creamy white.

CHICORY

Large-Rooted Long Magdeburg. Sow Chicory seed as early in tbe spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are used as a substitute for and adulterant of coffee.

Pkt., 10 cents; oz., 25 cents; ¼ lb., $0.75; lb., $2.50.

Witloof Chicory or French Endive. A delicious vegetable, very easily grown. The tender white stalks which are used for eating are grown, from roots which can be raised from seed sown early in June, in drills. In November the roots are dug and the tops cut off, leaving about one and a half inches of the leaf stalks. These roots are then planted out of doors for use the following spring, or they can be forced in boxes inside. In either case the roots are set in sand or soil in upright positions with tops about six inches below the surface. For indoor growing the boxes can be set in the cellar or other cool place. The tender shoots can be used as a salad raw, or are delicious cooked.

Packet, 10 cts; oz., 30 cents; ¼ lb., 90 cts.; lb., $2.75.

THIRTEEN ACRES OF GOLDEN BANTAM SWEET CORN GROWING FOR SEED.

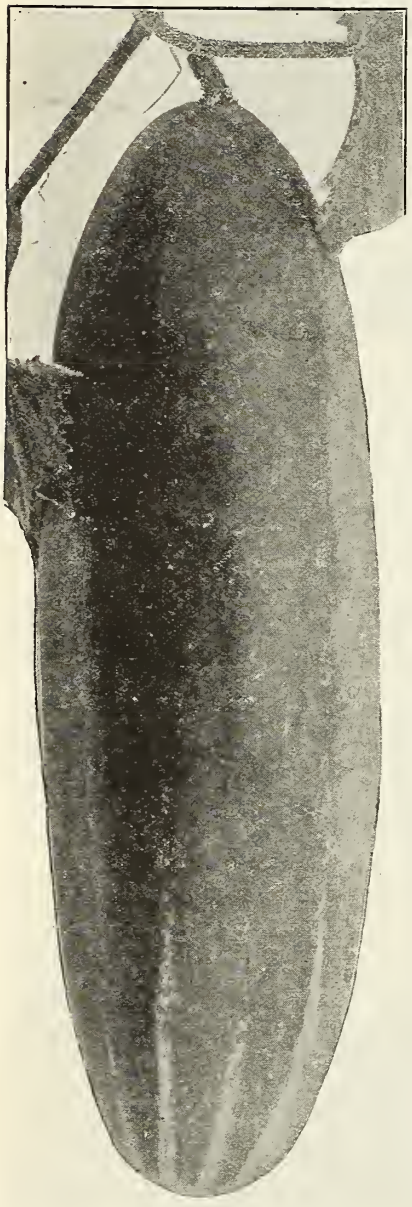
We have an extra fine strain of Early Golden Bantam which is a great improvement over ordinary stocks.

CUCUMBERS

FROM the many varieties of Cucumbers, we have selected those offered below as being unexcelled for home and market gardens. We do not believe they can be surpassed by any other list of equal number.

In this latitude it is useless to plant in open ground until about the first of June. Make hills two feet in diameter and about six feet apart, and enrich them with well-rotted manure. Plant a dozen or more seeds in a hill, covering half an inch deep. When plants begin to spread pull all but three or four of the strongest plants. One ounce of seed for fifty hills; two pounds per acre, planted in hills.

Packet, 10 cts.; ounce, 20 cts.; ¼ lb., 50 cts.; lb., $1.50; except as noted.



VICK'S PERFECTION WHITE SPINE

Albany, N. Y. March 13, 1922
I raise the Lemon Cucumber from your seeds and all who eat it prefer it to other varieties for table use.
E. A. Hagaman

Cool and Crisp. A strain of the White Spine, but longer and more cylindrical. Very early and exceedingly prolific. While it is esteemed most highly as a pickling sort, it is one of the very best for slicing, being tender, crisp, and of fine flavor.

Vick's Abundance. Without a doubt this is one of the very best Cucumbers we have ever grown, being more prolific, of better shape, and of a richer dark green color than any other variety known. Vick's Abundance was originated by one of the best market gardeners in the world-famous vegetable growing section near Rochester. The quality of Abundance is unsurpassed. It has a very small seed cavity and few seeds, and measures 8 to 10 inches in length. Abundance is smooth and symmetrical, and has a beautiful, clear, dark blue color. It does equally well in the greenhouse for forcing, or outside in the garden.

Packet. 10 cents; ¼ oz., 20 cents; oz., 50 cents.

Improved Long Green. A well-known standard variety about twelve inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best, of any for sweet pickles. Vines vigorous and very productive. Our strain of this valuable sort is unsurpassed being carefully selected from the best fruits.

Early Green Cluster. A short pale green variety. Fruit borne in clusters near the root; rather prickly; containing few seeds. A productive sort and very satisfactory for pickles.

Vick's Improved Early White Spine. Very popular in all sections of the country. Flesh tender and crisp; uniform in size, straight and dark green, with few white spines.

Vick's Early Perfection White Spine. It excels in earliness, and is one of the best for either the home garden or forcing; also extensively grown for pickles.

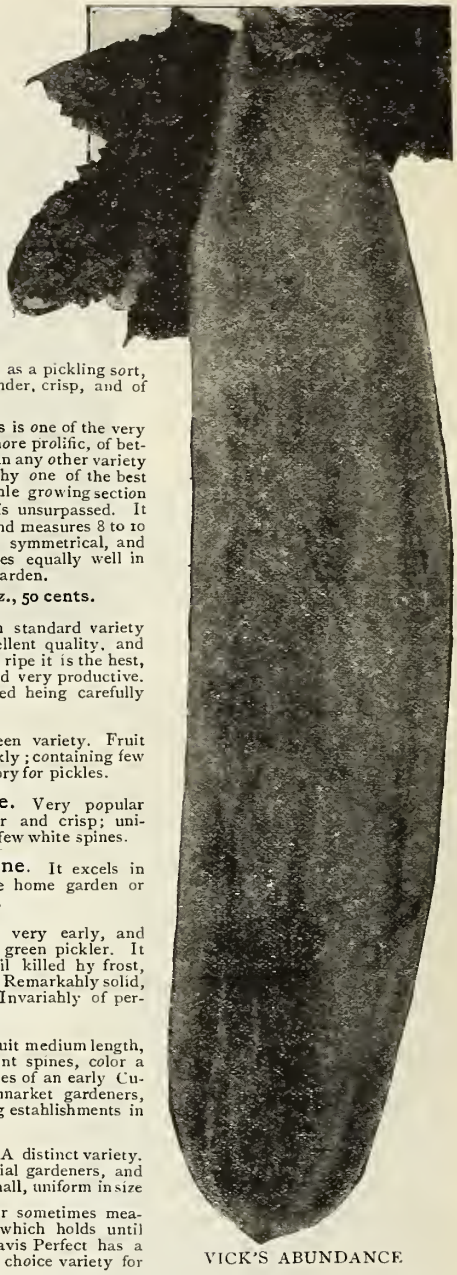
Thorburn's Everbearing. Small size, very early, and enormously productive, and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small.

Chicago or Westerfield Pickling. Fruit medium length, pointed at each end, with large and prominent spines, color a deep green. It combines all the good qualities of an early Cucumber and is highly regarded by Chicago market gardeners, and grown extensively for the large pickling establishments in that vicinity.

Green Prolific or Boston Pickling. A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size

Davis Perfect. This long, slim Cucumber sometimes measures twelve inches in length; the color, which holds until nearly ripe, is a rich, dark, glossy green. Davis Perfect has a fine flavor and is very tender and brittle. A choice variety for forcing under glass or for outside culture.

Pkt. 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb. $2.00



VICK'S ABUNDANCE

Vick's Lemon Cucumber is nearly round, with yellow and green markings and smooth skin, similar to the Lemon. The flesh is tender, crisp, and possesses a sweetness and flavor surpassing all other Cucumbers. The fruit is from two and a half to three inches in diameter, and very attractive in appearance. For pickling either when green or ripe, they are unexcelled.

Packet 10 cents; oz., 25 cents; ¼ lb., 60 cts.; lb $2.00.

Earliest of All. An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of it's extreme earliness is a very desirable variety both for the home garden and those who grow for the market.

Japanese Climbing. A strong and vigorous variety growing nearly twice the length of ordinary sorts, and one that can be grown on trellises, fences, or poles. Can be used for screens, as the foliage is much heavier than other kinds. The fruit is from ten to twelve inches in length and of excellent quality either for slicing or pickling. **Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00.**

I had some good luck with your Cucumber seeds of Improved Long Green. I had only a few seeds and got ten bushels of large ones and about a bushel or more small ones. I think I spent 10 or 15 cents in seeds and sold over $12.00 of them in Cucumbers. Pretty Fair. "Can depend upon your seeds for good crops in everything I plant." *Carl U. Mangle,—Winsted, Conn., Mar. 15, 1923*

Abundance is among the finest of our extra fine cucumbers, and it well deserves an important place in every garden

LEEK

Puerro, Span.; Porro, Ital.

The Leek is a mild onion-like plant that should be better known. The long, blanched necks are milder and more tender than the onion. The green tops are esteemed superior to the onion for flavoring soups, etc., their strong odor disappearing in cooking. Sow as for onion.

Packet, 10 cents; ½ oz. 20 cents; oz., 30 cents; ¼ lb., $0.80; lb., $2.50.

Monstrous Carentan. A new and valuable strain of the superior Leek; of extra large size, easily blanched and of the finest quality

Broad Flag. An old favorite. Large, hardy, and productive.

FENNEL

Hinojo, Span.; Finocchio, Ital.

To those who are looking for "something different" we recommend a trial of the Giant Sweet Fennel. It has an agreeable aromatic flavor resembling celery, but its odor is more delicate and its taste sweet. It may be used as a salad or cooked in various ways; it will be found a pleasing addition to the vegetable list. It is an easily cultivated vegetable, maturing quickly from seed sown in spring. The thickened bases of the leaf-stalks form a bulb-like growth, which is blanched by earthing up like celery.

Packet, 10 cents; oz., 30 cents; ¼ lb., 75 cents; lb., $2.00.

Giant Messina. Bulb-like thickening at base of stalk, very large.

Florence. Thickening of stalk at base not so pronounced.

KOHL RABI

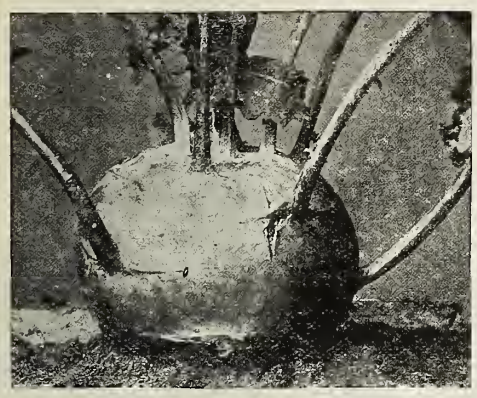
Col rabano, Span.; Cavolo rapa, Ital.

Kohl Rabi is sown for general crop in the spring, like the Turnip, in drills, or may be transplanted like Cabbage. For winter table use, sow middle of June. Gather when small and tender, as later it becomes tough and stringy. The stem, just above the surface of the ground, swells into a bulb something like a Turnip; it is cooked like that vegetable, and is much sweeter and of fine flavor. One ounce will sow 200 feet of drill.

Packet, 10 cents; oz., 40 cents; ¼ lb., $1.00; lb., $3.00.

Early White Vienna. Delicate; much prized for forcing.

Early Purple Vienna. Another forcing variety, similar to above except in color.



KOHL RABI

EGG PLANT

EGG PLANT

Berengena, Span.; Petronciano, Ital.

Egg Plant is a deliciously flavored, easily prepared vegetable that should be more widely known. It can be grown with little difficulty.

Those who have no hotbeds can sow a few seeds in boxes in the house, where a temperature of 75° can be maintained. Plant out early in June two and a half feet apart. One ounce will produce about 1,500 plants.

Black Beauty. Distinct and fine. The fruit is quite as large as Improved N. Y. Purple, and from ten days to two weeks earlier than that variety. It is very attractive in appearance, and of excellent flavor. Packet, 10 cts.; ½ oz., 40 cts.; oz., 65 cts.; ¼ lb., $2.00.

Improved New York Purple, Spineless. The standard for home use and market. Very popular in all the city markets, and the easiest, finest and largest variety grown. The fruit is large, smooth, round, of the highest quality, and very productive.

Packet, 10 cts.; ½ oz., 40 cents; oz., 60 cents; ¼ lb., $1.80.

HORSERADISH

Taramago, Span.; Rafano, Ital.

Horseradish is grown from pieces of the roots. Mark off rows two and one-half feet apart, in rich, moist, well prepared ground; set the pieces of roots eighteen inches apart in the rows, the small end down, and the top, one to two inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep the weeds down.

New Bohemian. Produces mammoth roots. Extra early. Better yielder than the old variety and succeeds in light or heavy soil. Dozen, 35 cents; per 100, $2.25, postpaid.

ENDIVE

Endivia, Span.; Endivia, Ital.

Endive is an excellent autumn and winter salad; especially when blanched. It is also used extensively for garnishing, and if boiled makes fine "greens." Sow seed late in the spring or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to about a foot apart. To blanch, gather up the outer leaves over the center of the plant, and tie them together at their tips. Sow one ounce of seed to 100 feet of drill.

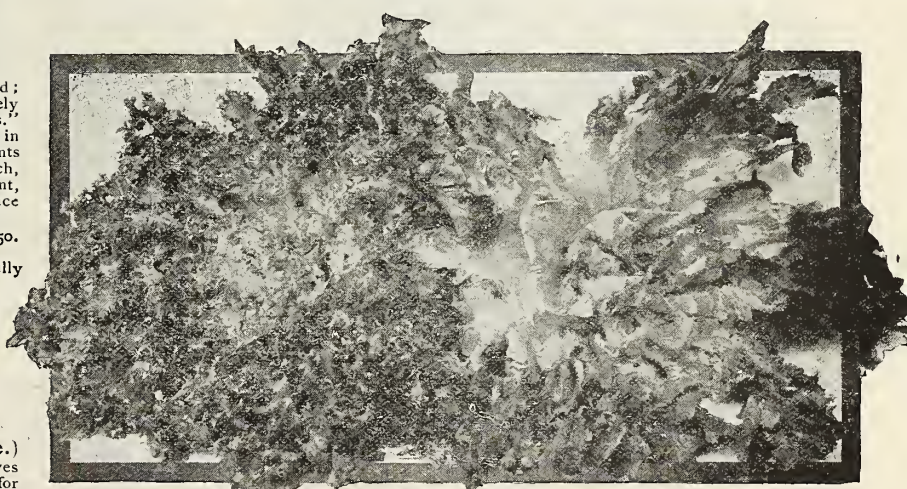
Pkt., 10 cts., oz., 25 cts.; ¼ lb., 50 cts.; lb., $1.50.

Moss Curled. Foliage very dense and beautifully fringed.

Green Curled. The hardiest variety. Leaves dark green, finely cut, easily blanched to a fine white. The flavor is pleasantly bitter, stimulating and zest-giving.

White Curled. Foliage somewhat coarser than the Green Curled, moderately dense, pale green.

Broad-Leaved Batavian. (Escarolle.) The most popular variety for the market. Leaves broad, thick, somewhat wrinkled. Excellent for "greens" and flavoring soups and stews, as well as for salads.



MOSS CURLED AND BROAD-LEAVED BATAVIAN ENDIVE

Endive as a salad is fine and cannot be surpassed. It is fast coming into its own, growing more popular every day

LETTUCE - Solid Heading Varieties

Do city folks when they sit down to tables garnished with the most delicious Lettuce salad ever wonder how such large, crisp, tender, creamy white heads of Lettuce are produced? Our grandmothers knew only of the loose and rather coarse and tough leaved varieties. In the last twenty-five years astonishing developments in varieties have finally produced the monster heading tender kinds of today. The varieties listed below are the finest of all the solid heading kinds among which Big Boston is used more largely than any other.

EARLY MAY KING

BIG BOSTON

Vick's Special Strain

Our special strain of Big Boston Lettuce is the top-notch development of this variety and is now used almost exc usively by the largest and most successful market growers. Hundreds of acres are grown every year from our seed. From several shipping sta ions in the Lettuce growing section west of Rochester, more than one hundred cars in a single day have been shipped to various city markets. Not infrequently our growers have received as high as $2000 per acre and more while their neighbor's crop from inferior seed have scarcely paid expenses. The picture of the field shown above represents the kind of stock which Vick's Special Strain of Big Boston produces. It is truly the acme of success in Lettuce growing. Not only is Big Boston one of the best varieties for the large market grower, but it is also one of the best head varieties for the home gardener. The heads are large and blanch to a creamy white which are very fine grained and packed as close as cabbage. The plants are sure headers and stand a long time before seeding. When the plants are thinned 10 to 12 inches apart, the heads grow to a large size especially in good rich soil. Big Boston heads up under cool weather conditions better than any other. See illustration in color opposite page 33.

Per packet 10 cents; oz., 25 cents; ¼ lb., 80 cents; lb., $2.50

EARLY MAY KING. This variety is very early and hardy, grows to a good size, six to seven inches in diameter, heads round and solid. May be planted out of doors or under glass, and will produce heads earlier than any other variety. Outer leaves tinged with brown, the inside a rich golden yellow. A remarkable variety and of unexcelled flavor. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.50.

Iceberg. A very solid heading variety with curled, finely indented leaves which are all strongly incurved, thus the center is always thoroughly blanched Packet, 10 cents; oz., 30 cents; ¼ lb., 90 cents; lb., $2.75.

Vick's Special Strain Big Boston - the king of all head lettuce is successfully used by thousands of the best growers.

SOLID HEADING VARIETIES (Continued)

Crisp as Ice. A splendid and distinct Cabbage Lettuce, well adapted for family and home market use. The heads are solid, of large size and handsome shape. When cut open they have a rich creamy heart, and are so tender and brittle as to warrant the name "Crisp as Ice." The leaves are thick and glossy, handsomely crimped and curled, the outside variegated with dark bronze and green. **Pkt., 10 c.; oz., 30 c.; ¼ lb, 90 c.; lb., $2.75**

Golden Queen. A fine, quick growing head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow; the plants medium size and very compact. The heads are so solid that there is no waste whatever, and they really contain more substance than many varieties showing double the size.

Packet, 10 cts.; oz., 30 cts.; ¼ lb., 90cts.; pound, $2.75.

All Seasons A very large Cabbage heading variety. Outer leaves are unusally large, thick and dark green. Heads large, solid, deep yellow, buttery and finely flavored. This variety will hold up longer and stand more hot weather without going to seed, than any other of its type. A splendid shipper and is worthy a place in every garden.

Pkt., 10 c.; oz., 25 c.; ¼ lb., 80 c.; lb., $2.50.

Improved Hanson. A standard summer Lettuce; none more reliabe for out-door cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. It is slow to seed, and is an ideal Summer Lettuce

Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb$2.50.

New York Cabbage. In trial on our farms this lettuce was one of the earliest varieties. The outer leaves are dark green and when first formed the head is slightly pointed, but when further matured is globular in shape. It is one of the five most popular varieties of lettuce, both in Europe and America, ranking close to Big Boston in this respect. The inner leaves are creamy white and are wonderfully crisp and tender. This is one of the very best lettuce to grow for the home garden,

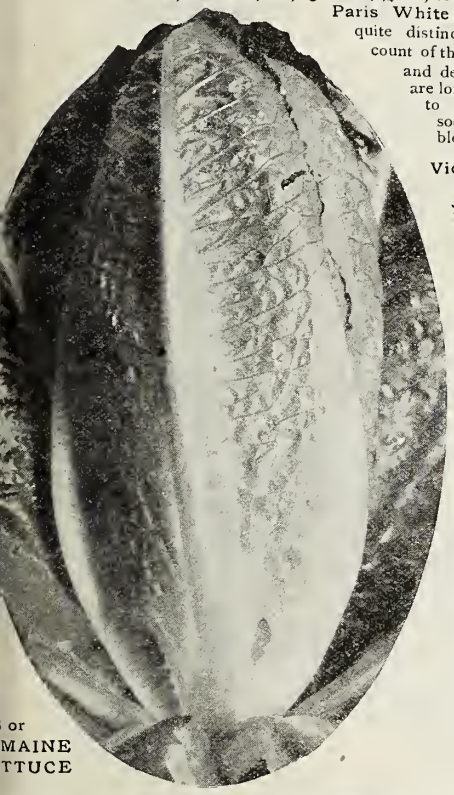
Packet, 10 cents; oz., 40 cents; ¼ lb., $1.25,; lb. $4.00.

COS or ROMAINE LETTUCE.

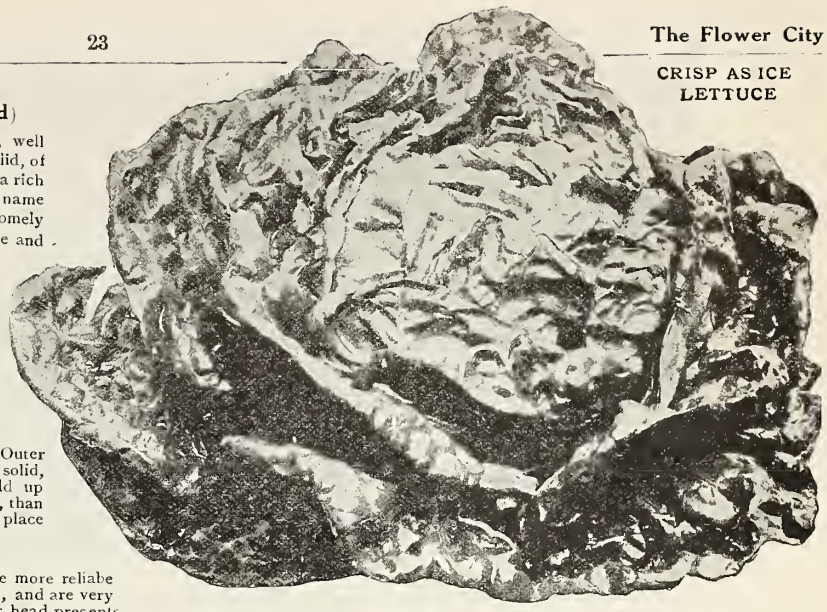
Packet, 10 cents; oz., 25 cents; ¼ lb., 80 cents; lb.,$2.50

Paris White Cos. Cos lettuce is quite distinct and popular on account of their tender, crisp leaved and delicate flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid heads, and bleach snow white.

Vick's Trianon. A new variety grown especially for us. It grows large and is uniform, crisp and tender. It stands a long time before going to seed. The leaves are narrow and turn in at the top, therefore it is not necessary to tie them up to bianch



or
MAINE
TTUCE



CRISP AS ICE LETTUCE

Oshkosh, Wisc., Morch 19, 1923.

"You surely have good seed and the vegetables that grow from your seeds are splendid. I wish I could order more. Everything in your catalogue looks so good it makes me hungery."

Mrs. Henery Christianson.

CURLED OR LOOSE LEAF VARIETIES

Packet, 10 cents; oz., 25 cents; ¼ lb.,80 cents; lb., $2.50.

Grand Rapids Forcing. There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. Frequently a house full of this Lettuce will average one half pound to a plant.

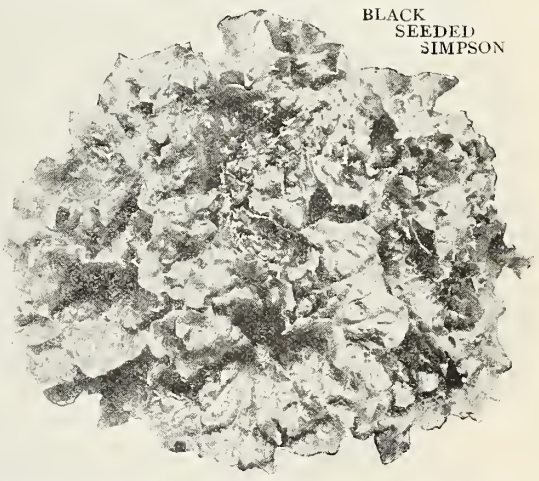
See illustration in color on opposite page 33.

Early Curled Simpson (Silesia). Forms a close compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is however recommended for planting in cold frames, and extensively grown in the open.

Prize Head. Is very large; stained with red; outer leaves curled; very crisp and tender; slow in running to seed.

Black-Seeded Simpson. The most popular sort of all the non-heading varieties. One of the best for use under glass as well as for early outdoor planting. The plants form large, loose heads; outer leaves a light, yellowish green, with inner leaves blanched almost white. Resists the heat and remains long in a good edible condition.

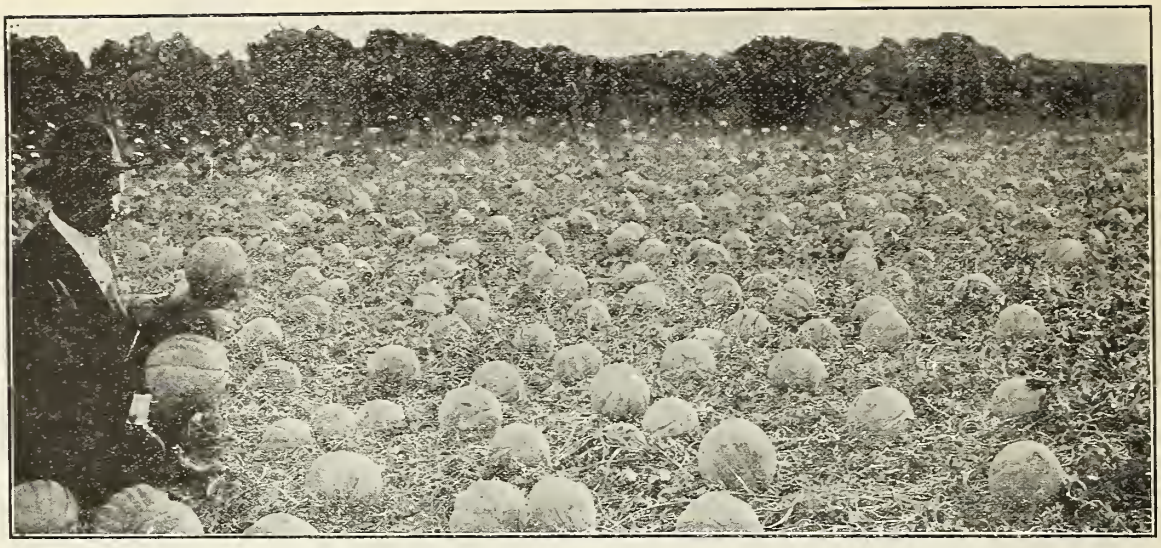
BLACK SEEDED SIMPSON



To Grow Lettuce

Lettuce to be at its best should be grown as rapidly as possible, hence the soil should be made rich and mellow by liberal manuring and thorough preparation. For general crop, sow outdoors as early in the spring as the ground can be worked, in drills eighteen inches apart and thin the young plants to four inches apart in the row. As the plants begin to crowd, thin them out and use as required. In this way a much longer succession of cuttings may be had from the same ground. For the cabbage or heading varieties where large heads are desired, the plants should be thinned ten to twelve inches apart in the row.

Early May King is a popular variety for growing under glass. Many of our Market Gardeners plant this variety exclusively.



24 INSPECTING A FIELD OF VICK'S IRONDEQUOIT MUSK MELON GROWING FOR SEED, OUR OWN SPECIAL STRAIN.

MUSK MELON

Melon, Span.; Popone, Ital.

MUSK MELONS are among the choicest of our summer table delicacies. The beautiful color of the flesh, which varies from pale green to dark orange according to the variety, makes the Muskmelon appealingly attractive to the eye, while its delicious flavor, sweet, rich and melting, is a delight to the palate. They are easily grown and since they require less time to mature may be planted in more Northern latitudes than the Watermelon and in colder and heavier soils. With a little extra care Melons of the finest quality may be raised in the home garden. Plant in hills six feet apart when the ground has become warm and dry and after placing a little manure in each hill. One ounce of seed is sufficient for fifty hills; two pounds for an acre, in hills.

VICK'S IRONDEQUOIT

The following word picture, which by the way is not overdrawn a bit, by Jack W. Speare of the Todd Protectograph Company, appeared in the "Bumble Bee", the weekly paper of the Rochester Ad Club.

"Jentle Reader, didja ever sink your face clean up to the ears into a genuine home grown Irondequoit mush melon? Didja? Gee! It's a picture no artist can paint. About the size of a peck measure or, if the gods are kind, maybe a peck and a half. All faded and sandy outside, like a disapointed pun'kin; but inside, Oh Boy! a luscious, globular ooze of gay Persian orange, shading away to deepest, most enticing sea green at the edges. A symphony of color to the eye, a rhapsody to the taste, as each festive, melting morsel goes trickling down a surprised and delighted gullet-with a case of cramps lying in wait if you go too far. But never mind, Death, where is thy sting if we can shuffle off blissfully with our features buried fathoms deep in a home grown mush melon!"

Anyone can have this delightful experience by ordering some of our Special Strain of genuine Vick's Irondequoit which has been constantly improved by selection and is now better than ever. Per packet, 15 cents. Oz., 40 cents; ¼ lb., 85 cents; lb., $2.50.

Brighton, Maine

I am 16 years old. Last Spring I bought some Irondequoit Muskmelon seed. Some I planted in the open ground the last of May. I had 98. Every melon was perfect and everybody that I sold to or who ate one said that these were by far the best of any melons they had ever eaten. Truly I never tasted such luscious, melting, juicy, sweet, melons in my life. Maine being the northernmost state of our Union, considering the climate, I think that they bore exceedingly well. Your pleased customer,

Alan C. Dodge

Omaha, Nebr., April 22, 1923.

"I raised a 12½ lb., Irondequoit Melon here. Many over 10 lbs."

L. S. Upton

Indianola, Iowa.

It will interest you to know I got Irondequoits from your seed last season weighing 9 1-2 pounds and the mayor, a college professor, and others said they were the finest they ever tasted. W. H. Shipman

OTHER LARGE VARIETIES

Packet;, 10 cts; oz., 20 cts; ¼ lb., 50 cts; lb., $1.50. Except as noted.

Extra Early Hackensack. Very popular, producing large, handsome, extra early Melons of best quality. Flesh green; most delicious flavor.

Montreal Nutmeg. Fruit of the largest size, often attaining a weight of fifteen to twenty pounds. Shape nearly round, flattened at the ends, deeply ribbed; flesh remarkably thick, green, melting, and of the finest flavor.

Surprise. A medium to large size melon, oval, distinctly ribbed, and covered with patches of netting. When the fruit is mature it has a light yellow skin. Flesh is deep salmon in color and of very good quality. Vines are hardy and productive. Very popular with Market Gardeners.

The Bender. (Bender's Surprise) A very popular melon in Eastern Markets. Flesh is deep orange, thick, and deliciously flavored; rind is light green changing to golden tint when ripe, heavily ribbed and netted. Later than Irondequoit and more oblong in shape. The melons are uniformly large. Often weighing from 8 to 10 pounds with superior shipping and keeping qualities. The next best substitute for genuine Irondequoit.
Packet 10 cents, ounce 35 cents, ¼ lb. 75 cents, pound $2.00.

MEDIUM-SIZED VARIETIES

Packet, 10 cents; oz. 20 cents; ¼ lb., 50 cents; lb. $1.50.

Vick's Prolific Nutmeg. Vines hardy, vigorous. Fruit medium size, round, slightly flattened at ends, ribbed, with distinct netting; flesh green, thick, solid, delicious, spicy flavor. One of the best for the home garden.

Osage, or Miller's Cream. A remarkably fine variety, of medium size, oval, dark green, handsomely netted, slightly ribbed. Flesh uniformly thick, of firm texture, rich salmon, highly flavored and delicious to the rind. Cavity very small. Good keeper and shipper.

Burrells Gem, Pink Flesh. This is a splendid melon of the Rocky Ford type but much larger and a few days later. The fruit is oblong, distinctly ribbed and heavily netted. A splendid variety for either the home or market garden.

Extra Early Knight. (Sweet Air) An extremely early medium sized melon of recent introduction. The fruit is oblong, distinctly ribbed and handsomely netted. The flesh is thick and very sweet. Color medium green blending to light pink at the center. This is the earliest high quality melon for the northern grower and it is bound to grow in popularity as it becomes better known. It is also an excellent shipper. It is a splendid variety for the home garden as well as a popular sort for those who grow for market.

If you want the best all-around Muskmelon either for the home garden or for the market, plant Vick's Irondequoit.

MUSKMELON, con'd

SMALL VARIETIES

Packet; 10 cents; oz. 20 cents; ¼ lb. 50 cents; lb. $1.50.

Rocky Ford. (Netted Gem) This is the most popular of the small Melons being extensively grown and shipped in car-loads for the markets. It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind.

Emerald Gem. Small to medium, globular in form, flattened ends; skin smooth, slightly ribbed. Flesh thick, ripening close to the rind, deep rich, salmon color, deliciously flavored and of superior quality.

Jenny Lind. Extra early. One of the oldest. Fruit small, round, flat on both ends, deeply lobed, and finely netted. Flesh green and luscious. Comes into market first of all.

HONEY DEW MELON a Casaba

Packet, 10 cents; oz., 35 cents; ¼lb., 75 cents; lb., $2.00

A new winter melon which begins to ripen in July and continues bearing and ripening all summer and fall until frost comes. The melons picked late in the season can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January or early February. The rind is thin but very tough; of greenish-yellow color, without netting. The deep, aromatic flesh is emerald green in color and honey sweet.

MUSHROOMS

Hongo, Span.; Fungo pratajolo, Ital.

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. If the temperature is right, in six or eight weeks you may expect the first crop of Mushrooms. One Brick of spawn is enough for a bed 3x3 feet. Directions sent with each order.

"New Culture" Spawn. Positively fresh, pure virgin spawn. The material from which these bricks are made is "spawned" directly from heavy, meaty mushrooms. **Bricks, 35 cents each, postpaid.**
5 bricks, $1.25; 10 bricks, $2.25, by express, charges not prepaid.

Bottled Mushroom Spawn. The latest and by far the best method of propagating Mushrooms. It is far superior in every way to the old-fashioned brick spawn and as it becomes better known it will without doubt be used to the exclusion of all other kinds of spawn. One bottle covers about 40 square feet. **Per bottle, $1.60, postpaid.**

MUSTARD

Vick's Giant Southern Curled Mustard. Highly prized in the South as early "Greens" or salad.
Packet, 10 cents; oz., 15 cents; ¼ lb., 40 cents; 1 lb., $1.25.

Chinese Broad Leaf. Larger and more rapid growing than Giant Southern. Crisp and tender, mild, comparatively free from bitter flavor and growing in popularity wherever used. Pkt, 10c.; oz., 20c.; ¼ lb., 50c.; 1 lb., $1.40.

OKRA or GUMBO

Gombo, Span.; Ocra, Ital.

A large, vigorous, tender plant, cultivated in the South for its young seed pods, which are very nutritious, and are used in soups, stews, etc., and especially for making gumbo soup. Should be more generally grown in the North wherever it is warm enough for Sweet Corn. About the last week in May sow seed thinly, in drills one inch deep and three feet apart. When well up, thin the plants out to one foot apart in the row. Gather the pods when quite young (about an inch and a half long), before woody fibre is formed. One ounce of seed will sow fifty feet of drill.

White Velvet (White Creole). Pods round, smooth, much larger than other sorts; produced in great profusion.
Packet, 10 cents; oz., 15 cents; ¼ lb., 30 cents; lb., $0.75.

Perkin's Mammoth Long Pod. A dwarf but enormously productive variety. Pods long, slender, deep green, and remain tender much longer than most sorts.
Packet, 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $0.75.

Tonawanda, N. Y.
Dec., 9, 1922

I am enclosing an order for another bottle of your mushroom spawn. The bottle I received last August is growing lovely. From Nov. 2, I have picked 18 lbs. out of 20 square feet and there are about three buttons now in sight. *R. A. Noble.*

WATERMELONS

Zandia, Span.; Melone d aqua, Ital.

WHAT delightful memories the mere mention of Watermelon brings up. What risks would any real live healthy boy (or old boy either) not take for the chance to sink his teeth into a slice of sweet juicy Watermelon. Think of the joy of having a patch in your own garden. Almost any of the varieties below would suit. Try at least a packet this year and you will be surprised at the results.

Plant in hills eight or ten feet apart. The same culture as recommended for Cucumbers will insure success. One ounce of seed will plant thirty hills, and four pounds an acre, with hills eight to ten feet apart. Allow three or four plants to remain in each hill.

Packet, 10 cts.; oz., 20 cts; ¼ pound, 40 cts.; pound, $1.25.

Sweet Heart. One of the best varieties for the home garden. Large size nearly globular in shape; skin a bright mottled green; rind thin; flesh bright red, firm, and solid to the center; heavy, but crisp, melting, and exceedingly sweet. Early, a good keeper, and improves in quality for a long time after ripening.

Cole's Early. The earliest Watermelon. Best for the amateur. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious.

Kleckley's Sweets. The fruit is oblong in form, 18 to 20 inches long and ten to twelve inches in diameter; skin dark green; flesh bright red, extremely sweet, melting, and luscious. Ripens close to the rind.

Vick's Early. A melon prized for the home garden or market. Oblong in shape, smooth, with a very dark skin, rather small in size; flesh bright pink, solid, and sweet. Vines strong, bearing freely, thus making it a desirable variety for the home garden, and the market.

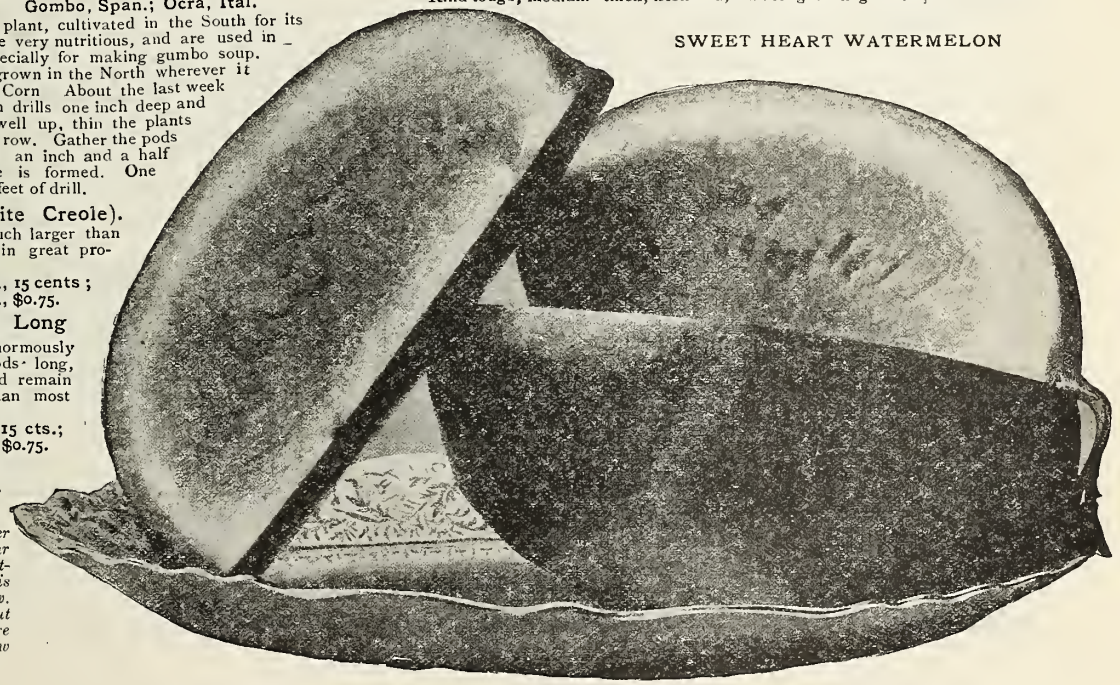
Ice Cream or Peerless. The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting.

Georgia Rattlesnake. One of the largest varieties, and stands shipping long distances. Fruit of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality.

Citron. For Preserves. This variety grows uniformly round and smooth. It has a handsomely striped and marbled skin of light green. Used only for preserves and pickles, and not for eating in the raw state.

Prize Jumbo. Immense in size. The common weight of this Melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long-distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality.

Tom Watson. The most popular melon on the market. There are more "Watson" melons shipped from the South than all other melons combined. Rind tough, medium thick, flesh red, fruit long dark green.



SWEET HEART WATERMELON

VICK'S SELECTED ONION SEEDS

THE ONION is one of the most wholesome foods known and is probably more often used by the housewife than any other vegetable. It can be used in so many different ways, especially in connection with other foods and for seasoning, that it is one vegetable which is absolutely indespensable in any household. Physicians agree that the free use of Onions as a food is healthful and a beneficial stimulant to the system. It is relished by nearly everyone and for that reason always finds a ready market.

Onions are not hard to grow. They like a good clean, rich soil. If your soil is rather poor, be sure to fertilize liberally with well-rotted manure or commercial fertilizers. Sow as early in the Spring as possible in drills a foot apart and one-half inch deep. When three inches high, thin to two inches apart. Keep the soil mellow and free of weeds. One ounce will sow 100 foot drill. Five pounds to an acre.

VICK'S SELECTED STRAIN YELLOW GLOBE DANVERS ONIONS.
As Grown By James Ferguson Oswego, N. Y.

Special prices to commercial growers will be quoted on application.

Yellow Globe Danvers. Vick's Own Selected Strain. Successful onion growers use this strain in preference to all others. The seed is *Northern grown*, and therefore adapted to growing in any section or climate. This variety is the standard in the eastern markets both for local use and shipping. It produces bulbs of usable size early in the season, so that it is a profitable variety all summer. The globular shape and the satiny-yellow skin make it attractive in appearance at all times. It is an extremely hard and solid variety. The bulbs average fully three inches in diameter; the flesh is pure white, crisp and tender, while the flavor is sweet and mild. It is a sure cropper which fact combined with its other characteristics makes it one of the best and most popular sorts, both for home use and for market.
Pkt, 10 cts; ½ oz., 20 cts; 1 oz 30 cts. ¼ lb, 75 cts. lb. $2.25

Large Red Wethersfield. The standard red, and, owing to its productiveness, the most profitable for the market gardener Form somewhat flattened, skin a deep purplish red, flesh purplish white. The magnificent large solid Onions are as mild in flavor as many varieties of lighter coloring. It has splendid keeping qualities, and may easily be held for winter uses. The best variety for poor or dry soil.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 75 , lb., $2.25.

Mammoth Prize Taker. Genuine seed of this variety produces handsome, large, yellow, globe Onions. We have the seed especially grown for us. Our *American Grown Seed* produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as our Yellow Danvers, it is a valuable sort for immediate or early fall use. The skin is of a rich yellow straw-color; flesh white, sweet, mild and tender.
Packet, 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.; lb., $3.00.

Large Yellow Dutch or Strasburg. This variety is one of the old standard sorts. It is flat, white-fleshed, fine grained and mild. It ripens early, makes good size Onions, is exceedingly productive and a good keeper. A popular sort for growing sets, the product being round, bright and smooth.
Packet, 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

Australian Brown. Distinct from all other Onions; uniform in size and shape; wonderfully hard and solid, and will keep almost indefinitely. Ripens extremely early. It is of medium size, round, with skin of a deep amber-brown; flesh mild and agreeable.
Packet, 10 cts.; ½ oz., 15cts; oz., 25 cts.; ¼ lb., 60; lb., $2.00.

Extra Early Flat Red. The earliest of the red sorts, coming into use from ten days to two weeks earlier than the Red Wethersfield. It is adapted to cold, damp, mucky soils where other varieties fail to produce large-size Onions. It is very productive, keeps well, and has a mild flavor.
Packet, 10 cts.; ½ oz., 20 cts.; oz , 30 cts.; ¼ lb., 85; lb., $2.50.

Southport White Globe. A large handsome, globular shaped Onions skin and flesh pure white. A very popular and satisfactory variety to grow. To succeed in preserving good pure white Onions, pull just as the stalks begin to fall down. Allow them to dry in the open air and be sure to keep them free from rain or dew to prevent discoloration.
Packet, 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.20 c.; lb., $3.50.

Southport Red Globe. Our strain is unsurpassed; it is used for growing the exceedingly fine large bulbs seen in the New York markets. Its beautiful form makes it extremely desirable. It produces large crops on favorable soils, and is a good keeper.
Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 75 c ; lb., $2.25.

Southport Yellow Globe. It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The outer skin is pale yellow, flesh white and mild in flavor. Quite productive, very hardy and keeps a long time in good condition after pulling. Our seed stock of Southport Yellow Globe Onion is grown from carefully selected bulbs.
Packet, 10 cts ; ½ oz., 20 cts ; oz., 30 cts.; ¼ lb., 75 c.; lb., $2.25.

Crystal White Wax Bermuda. This variety from the Canary Islands, is a large, pure waxy white, flat Onion. It is very popular with large market growers in the South and Southwest. It does well in the North, and produces a very mild, sweet Onion.
Packet, 10 cents ; ½ oz., 30 cents ; oz., 50 cents ; ¼ lb , $1.35 ; lb., $4.00

White Portugal or American Silver Skin. A large flat white Onion of exceedingly mild flavor. It is a popular sort, and when young excellent for bunching or for pickles. It is also especially adapted for growing sets. **Packet, 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts; lb., $2.50**

Silver King or Mammoth White Garganus, This is mammoth in size, the largest onion in cultivation. The bulbs are very attractive in form, fine-shaped, flattened but thick, with a silvery white skin. The flesh is snow-white, fine-grained, exceedingly mild, and of pleasant flavor. It matures quite early.
Packet, 10 cents ; ½ oz., 20 cents ; oz., 30 cents ; ¼ lb 85 cents lb., $2.50

White Queen or Extra Early Barletta. This is an extra early, very small, round, hard, and handsome variety. The color is a beautiful waxy white; flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed will mature as early as those raised from the ordinary Onion sets. The best variety for pickling.
Packet, 10 cents ; ½ oz. 20 cents :oz., 30 cents ; ¼ lb., $0.85 ; lb., $2.50

White Bermuda (Teneriffe grown). The Bermudas are the earliest Onions in the market, and are grown extensively in the South. Outer skin straw color, flesh pure white.
Packet, 10 cents; ½ oz., 20 cents ; oz., 30 cents ; ¼ lb., 85 c. ; lb., $2.50.

Red Bermuda. Similar to the white, but with red skin.
Packet, 10 cents ; ½ oz., 20 cents ; oz., 30 cents ; ¼ lb., 85 c. ; lb., $2.50

Vick's own selected strain of Yellow Globe Danvers Onion leads all other main crop kind. A money-making kind

Onion Sets

Onion sets should be planted as early as the ground is in condition to work, in rows 12 to 15 inches apart, with sets two inches apart in the rows. Green Onions for bunching come in very early, while the crop of large bulbs matures very much earlier than if grown from seed. Prices vary with the market. Write for prices on large quantities.

Yellow Bottom Sets. Pound, 40 cts.; 3 lbs., $1.10; Postpaid.
Ten lbs., or over, 25c. per lb., express or frt. collect or if wanted by parcel post at this price add postage as shown on page 35.

White Bottom Sets. Pound, 45 cts; 3 lbs., $1.25. Postpaid.
Ten lbs, and over, 35c. per lb., Express or freight coltect or if wanted by parcel post at this price add postage as shown on page 35.

Egyptian or Top Onion Sets (Perennial)

The young sets of these are produced on top of the stalks. As they cannot be kept out of ground over winter they must be planted in the fall; therefore, orders for them should be given in the spring for delivery the next autumn. When once set out, they will come up year after year as soon as frost is over. They need no protection, grow rapidly, and are very productive.
Pound, 20 cents. prepaid; 8 lbs., 90 cts.; 32 lbs., $3.25, not prepaid.

PARSLEY

Perejil, Span. Prezzemolo, Ital.

Because of its pleasant flavor, the leaves of Parsley are used extensively as a garnish with other vegetables, either in cooked dishes or salads. Parsley seed germinates very slowly. For outdoor growing, soak the seed in hot water for twenty-four hours. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Since Parsley lives through the winter, seed may be sown in the autumn for early spring use. One ounce will sow 150 feet of drill.

Packet, 5 cents; oz., 15 cents; ¼ lb., 45 cents; lb., $1.25.

Exquisite Moss Curled. A new variety of great merit. Rich dark green, finely cut and crimped.

Champion Moss Curled. A compact growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled.

Vick's Triple Curled. A handsome compact sort. Fine for market or private garden; leaves bright pale green; extra curled and crimped.

Fern-Leaved. Beautiful in form and color; valuable for garnishing and also as an ornamental foliage plant for borders of beds.

Hamburgh or Turnip-Rooted. The roots resemble a small Parsnip and are the edible portion of this variety. Used for flavoring soups, etc.

PARSNIPS

Chirivia, Span. Pastinaca. Ital.

Because of their delicious flavor, and the ease with which they can be kept fresh throughout the winter, Parsnips are among the most popular of winter vegetables. Seed should be sown in moderately rich, well-prepared soil. As the seed germinates and plants develop slowly, weeds must not overrun. In the late fall, before the ground freezes, remove enough roots for winter use to the root cellar and pack in sand. The remaining Parsnips can be left in the ground through the winter for use in the early spring, when fresh vegetables make a strong appeal to the palate. Sow seed as early as possible, in drills from fifteen to eighteen inches apart, and about half an inch deep. One ounce will sow 200 feet of drill.

Packet, 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.

Elcombe's Giant. A new Parsnip having the good qualities of Hollow Crown but smoother, not so long; much thicker at the shoulder.

Long Hollow Crown (White Dutch or Sugar). The old standard, and one of the best for general use. Long, smooth, tender and sugary; very hardy.

Improved Guernsey. Half-long. The roots are larger in diameter and easily gathered; smooth, fine-grained, and of excellent quality.

Davenport, Iowa Feb. 23, 1924

For over 50 years Vick's has been a home word, and Vick's seeds have always produced a sure vegetable garden and satisfactory flowers.

Wm. H. Baxter.

LONG HOLLOW CROWN PARSNIP

VICK'S PRODUCTIVE PEPPERS

Pimiento, Span. Peperone, Ital.

Modern high bred Peppers are deservedly growing in popularity among cooking experts for seasoning for pickles, sauces, and various vegetable dishes. Sow seeds in a hotbed, or in a box in the house, where a temperature of 75 degrees can be maintained. Transplant when three inches high. One ounce of seed will yield about 1,000 plants.

Vick's Giant Red. A magnificent new variety. Combines the size mildness and beauty of the Chinese Giant with great productiveness.
Pkt. 10c., ½ oz., 40c.; oz., 70c.; ¼ lb., $2.00.

Chinese Giant. Immense Pepper of a brilliant scarlet color. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The plant is about two feet high and of strong vigorous growth.
Pkt., 10c.; ½ oz., 40c.; oz., 75 c.; ¼ lb., $.2.25.

Large Bell, or Bull Nose. Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles.
Pkt., 10 c.; ½ oz 35 c.; oz., 55 c.; ¼lb., $1.75.

Ruby King. A handsome and very productive variety. Fruit from four to six inches long by three and a half to four inches broad; remarkably mild and pleasant. Pkt., 10 c.; ½ oz., 35 c.; oz., 55 c.; ¼ lb., $1.75.

Pimento. A sweet pepper. One that you will enjoy eating in salads, either fresh or canned. Market gardeners and canners are planting Pimento extensively. A home garden favorite.
Pkt., 10 c.; ½ oz 35 c.; oz., 55 c.; ¼lb., $1.75.

Sweet Mountain or Mammoth. Much like the Large Bell, but larger and milder. Fruit thick and sweet. Fine for making stuffed mango pickles.
Pkt., 10 c.; ½ oz., 30c.; oz 50 c.; ¼ lb.; $1.50.

Red Cluster. A distinct and beautiful variety bearing a profusion of bright scarlet fruit in clusters in an upright position. Hot and pungent.
Packet, 10 c.; ½ oz., 40 c.; oz., 75 c., ¼ lb., $2.25

BULL NOSE RUBY KING PIMENTO

Golden Queen. The largest, most productive, and finest of the yellow-fruited peppers. The beautiful golden-yellow fruit is borne in great profusion on erect vigorous plants. It is very meaty mild and strictly sweet. Pkt., 10 c.; ½ oz., 40 c.; oz 70 c.; ¼ lb., $2.00.

Long Red Cayenne. Beautiful and productive. Fruit slender, long bright red, pointed pod.
Pkt., 10 c.; ½ oz., 30 c.; oz., 50 c.; ¼ lb., $1.50.

Small Red Chili. Used extensively for flavoring pickles. The small bright red, very hot pods are fine to dry for winter use.
Pkt., 10 c.; ½ oz., 40 c.; oz 70 c.; ¼ lb., $2.00.

Neapolitan. Earliest of all large, mild, red peppers. Plants are very strong and thrifty, they grow 24 to 30 inches tall and 18 to 20 inches across and are enormously productive. Flesh thick, sweet and tender.
Pkt., 10 c., ½ oz., 35 c.; oz., 50 c.; ¼ lb., $1.75.

Vick's Garden Peas

SOW PEAS as early in the spring as the ground can be worked, in drills about four inches deep. The rows must not be nearer than two feet, except for the dwarf sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow forty feet of drill; 120 pounds for an acre, in drills three feet apart.

EXTRA EARLY VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities, see page 35.

Thomas Laxton **The Leader of the Extra Earlies.** This Pea outranks all other extra early wrinkled varieties in hardiness and productiveness. It has all the delicious sweetness of the Gradus; the pods are large and shapely, of a rich, dark green color, and filled from end to end with seven or eight very large white-seeded, wrinkled sugar peas, the flavor of which is unsurpassed by any other Pea in cultivation. Vines are strong and hardy and from three to three and one-half feet high.
Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Vick's First Choice. In season the earliest, next to Carter's Early Eight Weeks, Vine is semi-dwarf and very prolific; pods large, handsome, dark green, well filled; peas large, sweet, slightly dimpled. This pea has all of the delicate flavor and desirable qualities of the later maturing wrinkled varieties. Pkt. 10 c.; ½ lb., 25 c.; lb., 40 c.

Carter's Early Eight Weeks. A new pea developed in England. By far the earliest grown coming into picking condition before any of the other extra earlies. It bears large well filled pods on very dwarf, but vigorous vines, twelve to sixteen inches high. Especially desirable for the home gardener who wants peas earlier than any of his neighbors. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Alaska. A well known standard smooth green pea, very popular in many sections because it stands early planting and ripens early and evenly. In quality it is not equal to some of the newer varieties. Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Vick's Selected Extra Early. A Specially Selected Strain, unsurpassed either for market or family use; of good quality; unusually productive for so early a variety. The pods are well filled, and the entire crop may be gathered generally at one picking. The ripe peas are smooth yellowish white. The earliest of this type. Vines two and one-half feet high. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Gradus (Prosperity). As an extra early Pea, the Gradus, being a sugar Pea, is far superior to all smooth varieties, not only in its delicious quality, but also in the size of the peas and of the pods. The vines, which have heavy stems with large green leaves and grow three feet high, produce uniformly large pods, measuring four and one-half inches in length, nearly round, and well filled with very large, handsome peas of the finest flavor. The peas remain tender and sweet for some time after they are large enough to use. Packet; 10 cents; ½ lb., 30 cents; lb., 45 cents.

Early Morn. A new variety which is becoming immensely popular. To gardeners who are acquainted with Gradus and know its splendid qualities, it will be sufficient description of Early Morn to state that it is superior to Gradus in productivenes and two or three days earlier. Packet, 10 cents; ½ lb., 25 cents: lb., 40 cents.

Surprise. One of the earliest wrinkled Peas in the market. Vines grow about two feet high; pods well filled, containing about six or seven peas. Very desirable for those who require an extra early sweet and tender garden pea. Its delicate flavor will please the most fastidious. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents

Worlds Record. A wonderful new sugar Pea, earlier than Gradus which it resembles in size and flavor, vines two feet high, pods 3½ inches long containing seven to nine very large dark green peas of exceptionally fine flavor. Worlds Record is unusually productive for an early variety and indispensable in the home or market garden.
Packet, 10 cents; ½ lb., 25 cents; 1 lb., 40 cents.

EARLY VARIETIES

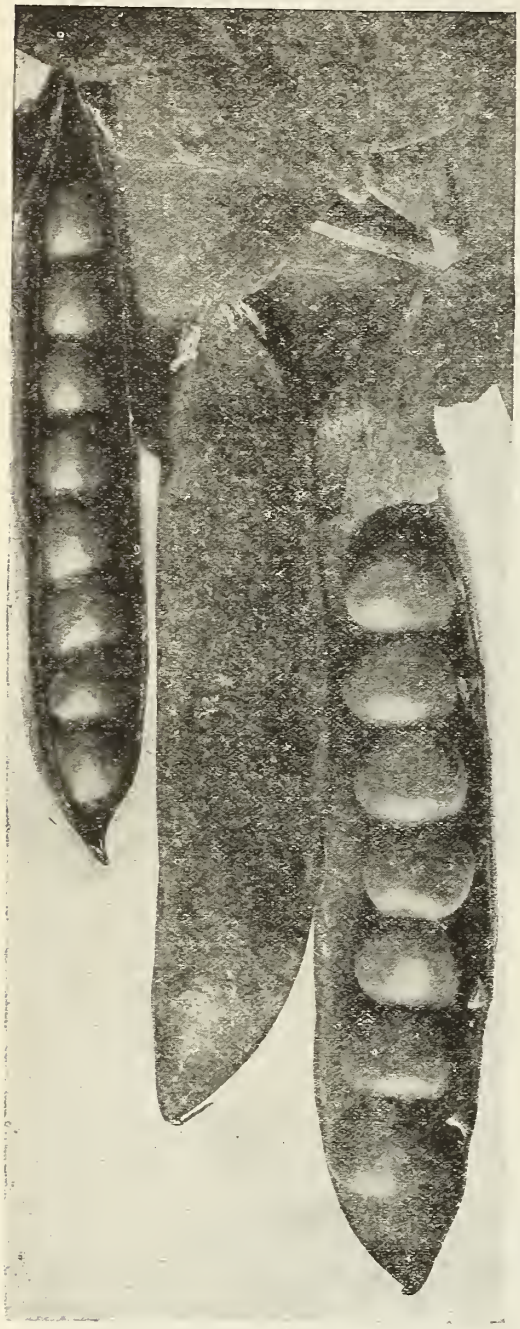
At prices below we prepay postage.
For lower prices on larger quantities see page 35.

Little Marvel. An English variety that has come to stay. In fact, it is conceded by those who have grown it, to be one of the best dwarf earlies on the market. When better known it will supercede many other dwarf early sorts. Its strong points are its tendency to bear large crops, and its high quality. It is almost as early as American Wonder or Nott's Excelsior; vines dwarf, growing about fifteen inches in height, heavily set with pods three and one-half inches in length, filled with six to seven large, dark green peas.
Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents

Nott's Excelsior. An extra early dwarf, green, wrinkled sort. The peas are superior in sweetness and quality, the vines fully as large and vigorous as American Wonder and the yield in shelled peas fully as large. Pkt., 10 c.; ½ lb., 25 c.; lb., 40 c.

American Wonder. One of the very best of the early winkled Peas; bearing large, well-filled pods. The vines are ten to twelve inches high, and of robust habit. A fine variety for the home garden. Pkt., 10 cts; ½ lb., 25 cts.; lb., 40 cts.

Extra Early Premium Gem. An improved Little Gem, another extra fine dwar Pea. Many consider it equal to either Nott's Excelsior or American Wonder. Vines 10 to 15 inches. Very productive; pods large and peas of excellent quality. An old favorite. Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.



LAXTONIAN

Laxtonian A new dwarf Pea., having the same high quality as the Thos. Laxton and Gradus. The vines are about twelve inches high and when in bearing are filled with immense dark-green pods containing eight or nine large peas. It is but a few days later than the early sorts, but is classed as a second early. It is productive, the pods so large and well filled, and the quality so good that it is deserving of a place in every home garden.
Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

March 1, 1924 Denver, Colo

I can always recommend your seeds as being first class. The first seeds I bought of James Vick's was in 1878. So you see I am an old friend. My home was in Herkimer County, New York before coming to Colorado and my people always sent to Vick's for seeds. *Mrs. Leon Tilyou.*

Try the new Pea, Carter's Eight Weeks, positively the earliest variety yet developed. Of excellent quality and flavor.

MID-SEASON VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities see on page 35

Abundance. Remarkably productive. Vines one and a half to two feet in height, pods, three inches long, peas large, wrinkled, of superior quality. **Packet. 10 cents; ½ lb., 25 cents; lb., 40 cents.**

Everbearing. A fine wrinkled sort, about thirty inches high; very robust, bearing heavy crops of large, well-filled pods; peas of excellent flavor. Owing to its branching habit, the peas may be sown thinly. **Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.**

Boston Unrivalled. One of the best medium Peas, recently bred up from a strain of the well known market gardeners' favorite, Telephone. Every pod contains seven to eight large, plump peas. It is also very productive. Vines grow four to five feet high, covered with large pods about five inches long and three-fourths of an inch wide. The peas are tender and of excellent flavor. **Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.**

Telephone. A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden pea, filling a basket quicker than any other variety. Vines four feet. **Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.**

Vick's Daisy. The Daisy is a second early Pea of robust habit; the vines grow about two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously flavored peas. It is one of the finest early green wrinkled Marrow Peas in cultivation. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank. **Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.**

MAIN CROP VARIETIES

At prices below we prepay postage, except as noted
For lower prices on larger quantities see page 35.

Admiral Dewey. A fine main crop variety. Very productive; bearing enormous pods of large sugar peas. Vines about three and one-half feet. **Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.**

Alderman. A valuable early main crop variety, yielding heavy crops of large, dark green pods, well filled with large peas of the best quality. A splendid market gardeners' variety. Vines four to five feet high. **Packet. 10 cents; ½ lb., 30 cents; lb., 45 cents.**

Improved Stratagem. This is one of the best of the large podded sorts; vigorous, productive, and of exceedingly fine quality; a favorite with market gardeners everywhere. Vines two to two and one-half feet high. **Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.**

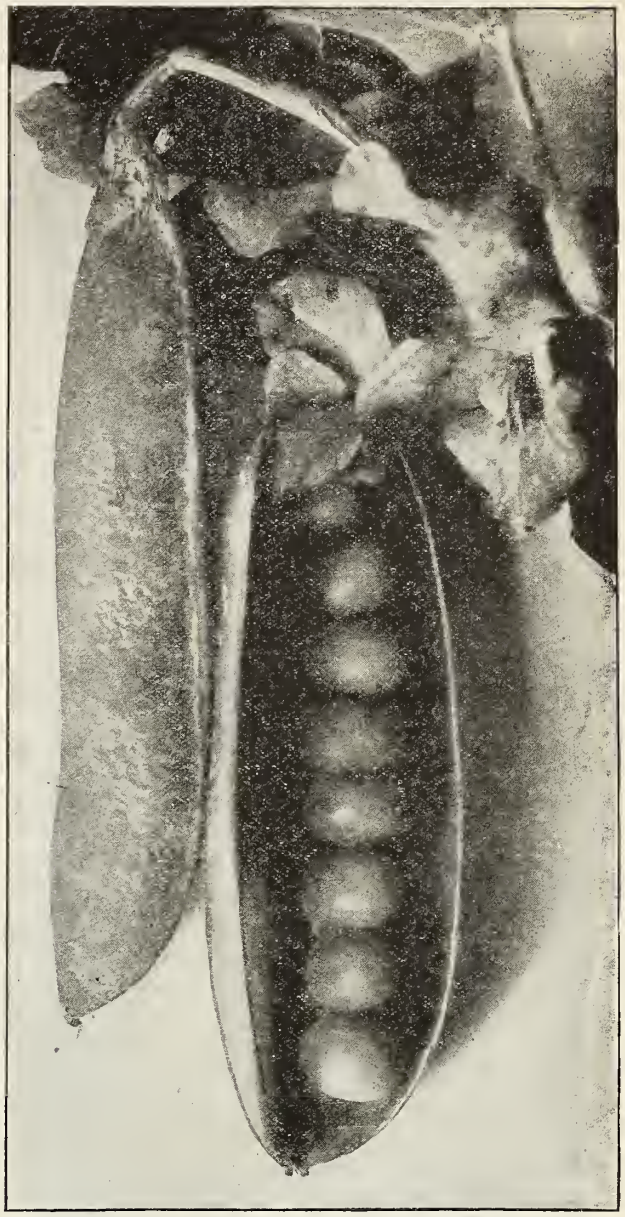
Champion of England. A handsome variety, popular everywhere. One of the riches and best-flavored green wrinkled peas. Five feet in height. **Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.**

Large Black-Eyed Marrowfat. Well-filled pods. Four feet tall. **Packet, 10 cents; ½ lb., 20 cents; lb., 30 cents.**

Large White Marrowfat. Like the Black-Eyed Marrowfat, extensively grown as a field crop. **Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.**

Canada Field. Possess high value for hay, for green fodder, and for seed grains for all kinds of stock. **Postpaid 1 lb., 25 cts.**

GRADUS OR PROSPERITY PEAS (See page 28)



VICK'S DAISY

EDIBLE POD VARIETIES

Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents. Postpaid.
For lower prices on larger quantities see on page 35.

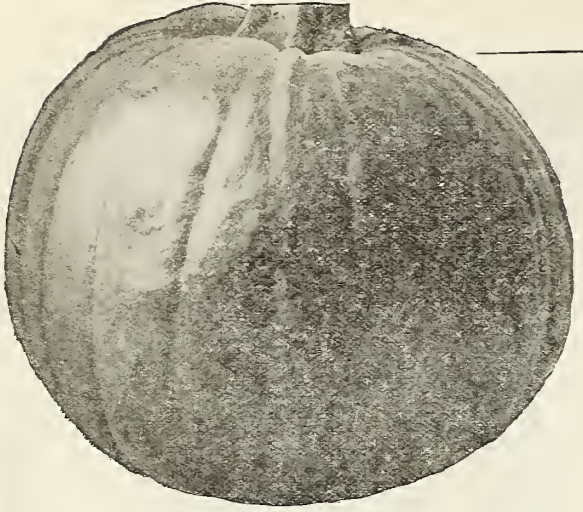
Dwarf Gray Sugar or Edible Pod. This is a hardy variety and can be planted much earlier than beans. Vines are dwarf and very prolific. Pods gathered when young and cooked whole the same as snap beans make a very appetizing dish. These peas are equal to the best snap beans. Are ready for the table earlier than any green vegetable dish with the exception of spinach and perhaps asparagus. Give it a trial in your garden this Spring.

Melting Sugar. This variety is used either shelled or cooked in the pod, like snap Beans, and when young is very tender and sweet. It is but little known in this country, while abroad it is considered a great relish.

We got all our garden seeds of your firm this year and they are up and growing just fine. Our peas (Thomas Laxton and Telephone) are especially nice.

Austin, Pa. *MR. MORRISS T. DAWSON.*

At above prices we prepay postage. Lower prices on larger quantities, transportation not prepaid, are shown on page 35



PUMPKIN, SUGAR OR PIE

Vick's Pumpkins

Calabaza azucar o pastel, Span.; Zucca, Ital.

Did someone say Pumpkin Pie? Prepare for this treat by growing Vick's Pumpkins in your garden. Easy to grow.

Plant in hills eight feet apart each way, any time after the middle of May. Avoid planting near otber vine crops, as they will hybridize and damage the crop. One ounce will plant about twenty-five hills; four pounds an acre.

Winter Luxury. A medium-sized pumpkin, of very high quality. It is also a good keeper, wonderfully productive, and its finely netted skin and golden-russet color make it desirable for market use.
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.50.

Large Sweet Cheese (Kentucky Field). Very productive. Shape flat; skin mottled light green and yellow, changing to a rich deep orange color; flesh yellow, thick, and tender.
Packet, 10 cents; oz., 20 cents; ¼ lb., 40 cents; lb.,$1.20 cents.

Golden Oblong. A productive variety, oblong in shape, growing 16 to 18 inches long. Skin golden orange, tbin and tough; almost as good a keeper as the hard-shell winter Squash. Flesh yellow, dry, and sweet; excellent.
Packet. 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.50

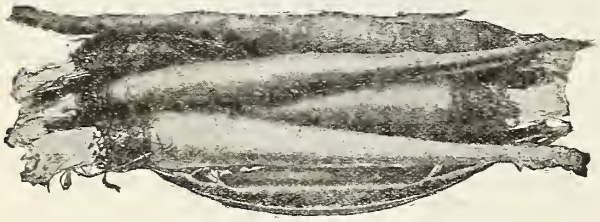
Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Fruit oblong skin mottled with green.
Packet 10 cents; ounce 20 cents; ¼ pound 55 cents; pound $1.60.

King of the Mammoths, or Jumbo. The largest of all Pumpkins. Round in shape, flattened at both ends. It is a splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes.
Packet 10 cents; ounce 20 cents; ½ pound 60 cents; pound $2.00

Connecticut Field. The hardiest of all Pumpkins; cultivated mainly for stock feeding, producing enormous crops.
Packet 10 cents; ounce 20 cents; ¼ pound 40 cents; pound $1.20.

Cushaw, or Crookneck. A favorite sort of excellent quality.
Packet, 10 cents; oz., 20 cents; ¼ lb., 55 cents. lb., $1.50

Sugar, or Pie. The Favorite for Pies. Small, round, handsome deep orange. Flesh fine grained, sweet and dry. Plants very productive.
Packet 10 cents; ounce 20 cents; ¼ pound 40 cents; pound $1.20.



MAMMOTH SANDWICH ISLAND SALSIFY

SALSIFY or Vegetable Oyster

Salsifi blanco, Span.; Sassefrica, Ital.

Mammoth Sandwich Island. Salsify grows the same as parsnip and is one of tbe best and most nutritious of our vegetables. It has a most distinct oyster flavor and is delicious fried or served in Soups. It is a good remedy for indigestion; to preserve its medicinal value, boil whole, tben peel, slice and prepare in your favorite way.
Packet, 10 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $2.50.

Vick's Summer Asparagus

Cut and Come Again Vegetable

Read the letters below from some who have tried it

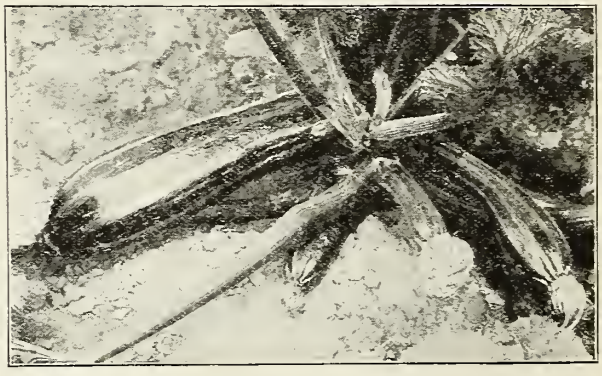
One of the most delectable vegetables that has been introduced in years. Well worth a place in everyone's garden. All who have tried it pronounce it delicious.

The plant makes a strong growth, very much like that of the Summer Crookneck Squash. The oblong green fruit forms close down in the axils of the leaves. It should be cut when not more than four to six inches long. If the fruit is allowed to grow larger it loses its delicacy of flavor, and when one fruit is allowed to mature it checks the formation of any more fruit on that plant. Care should be taken in cutting not to injure the plant.

Cooked the same as Asparagus, either whole or cut in small pieces without peeling. Especially delicious cut in small pieces and cooked with cream. It may also be sliced and fried or used as a salad.

Four or five hills is sufficient for a large family, as it may be cut almost every day until frost. Sown early it will fruit from the latter part of June until October. Plant in hills 3½ to 5 feet apart. Seed may be sown from the latter part of May until July first.

Packet, 10 cents; ounce, 25 cents.



SUMMER ASPARAGUS

Barberton, Ohio.

"The Summer Asparagus is just wonderful and good. Have eight plants and they are full."

Mrs. Henry C. Gougler.

Clintonville, Wis.

The Summer Asparagus is beyond all expectations. The Plants grew three feet tall and believe some stems are longer. They are delicious fried.

Esther Stieg

Broadalbin, N. Y.

"One of my sons sold fifteen dollars worth of Summer Asparagus beside a family of five having all they want to eat."

Mrs. A. M. Jeffers

Dayton, Ohio.

"Have grown your Summer Asparagus two seasons and am delighted with it. One package supplied the family and also neighbors who raved over them."

Frances J. Balcer

Westfield, Pa.

"Last year I had a packet of your Summer Asparagus and it was certainly delicious. I must have some again this season. Everyone was pleased with it."

Mrs. Cecil Kizer

When ordering plants or shrubs remember that we prepay the Express or Parcel Post east of the Mississippi River

VICK'S RADISHES

Rabano, Span. Ravanello, Ital.

The Radish is a popular vegetable which makes an excellent relish, and should have a place in every garden, whether planted for home or market purposes. For early use seed should be sown in the hotbed, in drills, three to four inches apart and half an inch deep. For open ground sow as early as weather conditions permit. Winter Radish should be sown about the middle of the summer, as it makes its best growth in autumn. One ounce will sow 100 feet of drill; ten pounds to the acre.

VICK'S EARLY SCARLET GLOBE

The Best Radish for General Use

See illustration in color opposite page 32.

Vick's Early Scarlet Globe Radish is the best all-around Radish on the market, and is therefore valuable for both the home gardener and the man who grows Radishes for the market. You will find "Vick Quality" in every ounce.

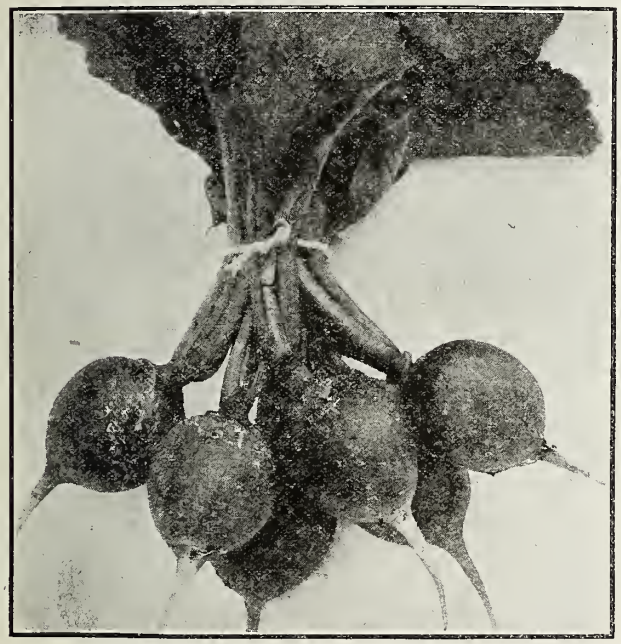
It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of its foliage is small compared with other varieties and small for the size of the Radish, making it a particularly attractive market sort. As a forcing Radish, Vick's Early Scarlet Globe is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. Away back in 1884, we introduced this universally popular Radish, and today it is sold by almost every seedsman in the world, and is also used by the leading market gardeners both for forcing and out-of-door planting.

Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; ponnd $1.25.

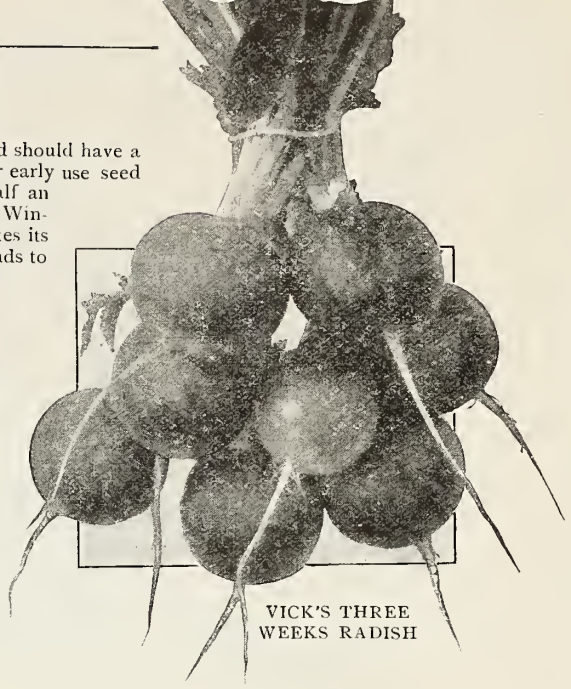
French Breakfast, or Scarlet Olive-shaped White Tip. Very tender and beautiful. Fine for open ground or forcing
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents. pound $1.25.

Vick's Early Crimson. An excellent variety for forcing or for the garden. Very desirable for Market Gardeners as it is ready for bunching in thirty days from the time it is seeded in the open; it attains double the size of ordinary globe-shape d varieties and remains solid, sweet and tender, longer than the average early sort.
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.25.

White Strasburg Summer or White Hospital. A large white, showy, half-long variety. Matures early. A leading market variety.
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.25.



VICK'S EARLY SCARLET GLOBE



VICK'S THREE WEEKS RADISH

Vick's Three Weeks Radish. Entirely distinct from any Radish heretofore offered. As an all-around Radish we do not think it can displace Vick's Scarlet Globe; but it has distinctive value in that it can be grown, ready for the table, in less than three weeks from the day of sowing the seed. The root begins to develop with the development of the first leaves. It's color is quite distinctive, a light, fiery scarlet, giving it a very attractive appearance in the market or on the table.
Packet 10 cents; ounce 20 censt; ¼ pound 50 cents; pound $1.40.

Cooper's Sparkler. A new variety of an entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. Cooper's Sparkler will keep longer in good condition than any other variety we have tried, and can be grown the year round. Successive sowings should be made throughout the summer.
Packet 10 cents; ounce 20 cents; ¼ pound 40 cents; pound $1.10

Vick's Improved Long Scarlet Short-Top. The favorite long market Radish everywhere; six or seven inches long.
Packet 10 cents; ounce 20 cents; ¼ pound 45 cents; pound $1.20.

Long White Vienna or Lady Finger. Beautiful in shape; skin and flesh snow white; crisp and tender.
Packet 10 eents; ounce 20 cents; ¼ pound 45 cents; pound $1.10.

Icicle. A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing.
Packet 10 cents; ounce 20 cents; ¼ pound 45 cents; pound $1.20.

All Seasons: A round scarlet radish of unusual merit especially valuable for sowing at intervals throughout the entire spring, summer and fall seasons. It remains solid and sweet at all stages of its growth.
Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.25.

WINTER RADISHES

Winter Radishes are Nature's way of furnishing us their appetizing relish long after summer varieties are gone They grow slowly, and are ready for eating in the autumn Much larger than summer varieties. Sow the latter part of August or in September Harvest before severe frost. Roots may be stored in sand in a cool cellar When they are to be used, throw into cold water for a short time and they will regain their crispness.

Packet 10 cts., oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.10.

Chinese Rose Winter (Scarlet Chinese). One of the very best.

Long Black Spanash Winter. Round Black Spanish Winter.

California Mammoth White Winter. Eight to twelve inches long and from two to three inches in diameter; white, solid, and of good flavor.

Japanese Radish. A Japanese variety of great size, some specimens weighing as much as 12 to 15 pounds. Oval in shape, with light cream colored skin and pure white inside. Very popular in Japan. While it is called a Radish, it is not eaten raw as we do our Radishes, but cooked like a Turnip, the taste being very mild and pleasant. Well worth a trial. Those liking the Turnip will relish this vegetable. Seed must be sown in May.

Here are two extra fine Radishes, Vick's Scarlet Globe and Vick's Three Weeks. Try them in your garden this spring

SPINACH

Espinaca, Span.; Spinace, Ital.

Nearly everyone likes succulent green vegetables in early spring. If you have not sown Spinach in your garden heretofore, why not try it this year? It is the easiest and quickest way to produce a crop of delicious, tender "greens."

For a succession, the seed may be sown early in April and again in May in drills one foot apart and one inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill 10 pounds for an acre in drills.

Packet, 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., .65 cts. except as noted.

All Seasons, or Long Season. will remain in an edible condition longer than any other variety we have grown The foliage is dark green, crinkled, sweet and luscious. The seed may be sown at intervals during the summer. An exceptionally fine variety.

Improved Thick-Leaved. Leaves large and thick, somewhat crumpled, and very tender. The most popular variety we have ever grown. We have a splendid strain of this excellent variety.

Victoria. A valuable sort. Its attractive dark green color, long-standing and hardy character make it desirable for both spring and late sowing. Stands winter well.

Large Round-Leaved Viroflay. Large, round, thick and fleshy leaves. Good for early sowing. One of the best for fall sowing.

Bloomsdale or Savoy-Leaved (Norfolk.) The earliest of all varieties, and one of the best to plant in autumn for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage.

Fall Spinach. This is an exceptionally hardy variety for planting in the late fall or very early spring. The leaves are large round and fleshy and will stay in condition during unfavorable weather better than any other variety. It may be sown in January when the snow is off the ground and it will come out in the early spring as soon as the ground thaws.

New Zealand. This variety grows two or three feet in bush form. The leaves and stems are succulent and tender. The abundant fresh, tender foliage may be picked frequently during the summer. A new supply will quickly develop. It succeeds in almost any soil. The seed should be soaked in warm water a few hours before planting.

Packet 10 cents; ounce 20 cents; ¼ pound 35 cents; pound $1.00.

VICK'S IMPROVED THICK-LEAVED SPINACH

RHUBARB

VICK'S STRAWBERRY RHUBARB

Rhubarb is probably the most useful and popular of all perennial foliage plants for table uses, and is grown more extensively than all others. No garden should be without a few roots, which are sufficient to keep the table supplied with sauces, pies and preserves.

Two-year-old roots, if set about three feet apart in rich, mellow soil in early spring, will begin to yield a supply of stalks for cooking the following spring.

To grow from seed sow in drills ten inches apart and one inch deep. Thin plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

Strong two-year-old roots, each, 20 cents; six for $1 00; dozen, $1.75 except as noted.

Seed packet, 10 cents; ounce, 20 cts.; ¼ pound, 60 cts.; pound, $2.00, postpaid.

Linnæus. Early and tender. Easily grown from seed.

Victoria. Very large, but later than Linnæus.

Vick's Strawberry. Far superior to all others for making pies and sauces. Its stalk is a beautiful strawberry red or pink all the way through; extremely tender, fine flavored and juicy.

Roots furnished only, each, 35 cents; ½ dozen, $1.50; dozen, $2.50 Postpaid.

SQUASHES

The Squash not only adds to the list of vegetable delicacies but possesses considerable food value. The fall and winter varieties make delicious pies, and are in great demand. Squashes require a rich soil. Use plenty of pulverized sheep manure or other fertilizers in the hills. Plant a dozen seeds in each hill, and when plants begin to branch cut out all but three or four, being careful not to disturb those remaining. For bush sorts, make hills four or five feet apart each way, and for the running kinds twice that distance. Winter Squashes should be ripened thoroughly, or they will not keep through the winter. One ounce of early varieties for fifty hills and two ounces of late will plant fifty hills; three to four pounds per acre.

SUMMER SQUASHES

Mammoth Bush Summer Crookneck. The richest and best of the Summer Squashes. Early and productive. Color golden yellow; flavor sweet and rich. It is almost twice as large as the ordinary Summer Crookneck.

Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb $1.50.

Mammoth White Bush Scallop. (Silver Custard). The best of the scalloped Squashes. Plant true bush form. Fruit oval to flat. Handsome and of fine quality.

Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.50

Early White Bush Scallop (Patty Pan). Early and productive, of medium size. Color, creamy white surface, smooth. Flesh thick and of high quality. In shape, round, flattened at the ends. If fruits are gathered when edible the plants will continue to bear throughout the summer.

Packet 10 cents; ounce 20 cents; ¼ pound 50 cents; pound $1.50.

Early Yellow Bush Scallop. (Turks Cap.) Similar to white bush scallop except in color. A excellent summer variety.

Packet, 10 cents; oz., 20 cents; ¼ lb., 45 cents; lb., $1.20.

There is nothing like succulent, green Spinach fresh from ones own garden to tone up the human system

GRAND RAPIDS LETTUCE—finest curly variety. Pkt. 10c; oz. 20c. *See page 23*

Ten Splendid Standbys

	Price per pkg.	*Description on page*
Earliana Tomato	10c	33
Vick's Scarlet Globe Radish	10c	31
Red Beauty Pop Corn . . .	10c	19
Danvers Yellow Globe Onion	10c	26
Golden Nugget Sweet Corn	10c	18
Morning Dew Sweet Corn	10c	18
Oxheart Carrot	10c	16
Danvers Half Long Carrot	10c	16
Chantenay Carrot	10c	16
Beet, Detroit Dark Red . .	10c	12

One packet each, all 10 varieties, 75c

FALL AND WINTER SQUASHES

Improved Hubbard. The standard Winter Squash; no better variety grown; more generally cultivated as a late sort than any other. Flesh fine-grained, dry and of excellent flavor.
Packet 10 cents; ounce 20 cents; ¼ lb., 55 cents; lb., $1.65.

Chicago Warted Hubbard. This has some points not found in the old standard, the shell having a dark green, almost black, color; and also distinguished by a dense covering of knots or warts. It is of first-class quality
Packet 10 cents; ounce 20 cents; ¼ lb., 60 cents; lb., $1.75.

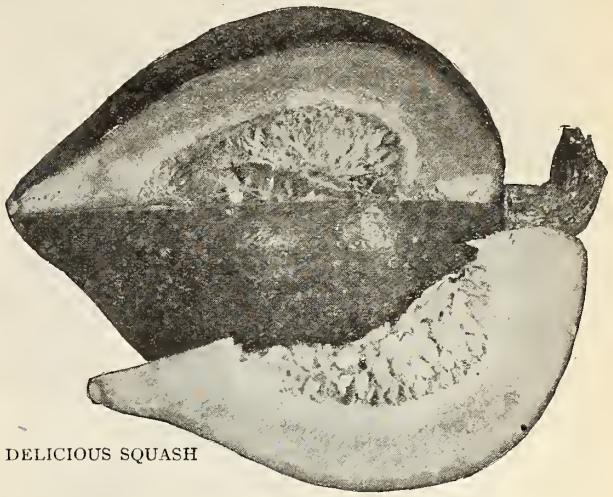
Red, or Golden Hubbard. This is a true Hubbard Squash except in color, which is a bright orange-red. The flesh is deep golden yellow.
Packet 10 cents; ounce 20 cents; ¼ lb., 60 ceets; lb $2.00.

Fordhook. A very fine winter variety. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper and very productive. Pkts. 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb. $2.00.

Delicious. In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is dark bronze green. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is best in the fall and early winter.
Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.25

Boston Marrow. Very popular in the Boston market. Oval shape; skin yellow; flesh orange-colored and fine-grained.
Packet, 10 cents; ounce, 20 cents; ¼ pound, 45 cents; pound, $1.20.

Mammoth Chili. The largest of all Squashes; grows to an enormous size. One of the most profitable sorts for stock feeding. Keeps well throughout the winter; extensively grown for prize exhibits. Flesh fine-grained, excellent for pies. Pkt., 10 c.; oz., 25 c.; ¼ lb., 75 c.; 1 lb., $2.25



DELICIOUS SQUASH

Vick's Selected Tomatoes

Tomate Span. Pomo d' oro, Ital.

THE many uses to which the Tomato can be put makes it an ever popular vegetable. It is always a welcome addition to any meal It is excellent as a salad, for canning, for catsup, and in soups. The Tomato is also valuable in its green state for pickling. We offer a list of tested varieties which are bound to give satisfaction. Sow seed for early Tomatoes in boxes in the house or in the hotbed early in March. In about five weeks plants should be transplanted, setting them about four or five inches apart. Thus they should remain, having all the air possible, until after the middle of May, when they may be put out in the ground, four feet apart each way. The soil for early Tomatoes should not be too rich. Pinching off the ends of the branches when the first fruit is set, will hasten the ripening. One ounce of seed will produce 2000 plants; one-quarter pound (to transplant) for an acre.

Vick's Improved Earliana. Our special improved strain is by far the most satisfactory early Tomato grown. It is so vastly superior to th ordinary run of this variety tbat it is entitled to special consideration if not a distinct name. It ripens early and nearly all at one time. It ripens up to the stem better tban any other early Tomato we now of. The fruit sets thickly in the center of tbe plant. The growth of ine small effecting a saving in space required. All these splendid qualities make this strain the best Tomato for commercial or bome grower.

Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.50.

Vick's Improved Earliana should be planted in every garden where the very best in yield and quality is desired

John Baer Tomato. An extra early scarlet variety of superior merit. Productive and bardy; round, smooth and firm. Excellent quality, one of the first to ripen, and furnishing fruit for the market for a long season. A good variety for the market or home garden. Pkt, 10 c.; ½ oz., 25 c.; oz., 40 c.; ¼ lb., $1.25; lb., $4.00.

Livingston's Royal Red. A fine, large, deep red, smooth variety. Fruit very attractive and quality unsurpassed. Very productive. Excellent for eating either fresh or cooked Splendid for catsup and canning One of the best for the home garden. Pkt, 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.00.

Ponderosa. A purple-pink, main crop Tomato of the largest size. The vines are vigorous and very productive. The fruit is solid with exceptionally few seeds; fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is a very desirable tomato for slicing.
Packet, 10 cts.; ½ oz., 35 cts; oz., 60 cts.; ¼ lb., $1.80; lb.,$6.00.

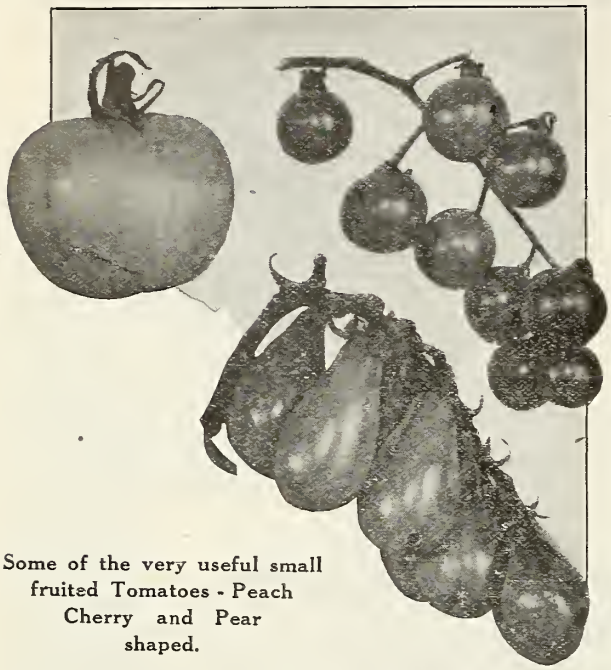
Improved Stone The Best Main Crop Red Tomato. Color bright scarlet; very smooth, ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive; an excellent shipper; quality the very best, not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard main crop Tomato for market gardeners and truckers.
Packet, 10 cts.; ½ oz., 25 cts.; oz., 40 cts; ¼ lb., $1.25; lb., $4.00.

Dwarf Stone. The largest dwarf variety. The fruit resembles Improved Stone; equally as good in quality. It ripens evenly and has an excellent flavor. Plants require less space than other varieties and are very productive.
Pkt., 10 cts.; ½ oz., 25 cts.; oz,, 45 cts.; ¼ lb., $1.35; lb;, $4.50.

Chalk's Early Jewel. A fine second-early Tomato about ten days later than Earliana Fruit large size, fine flavor; bright scarlet, solid; has very few seeds. The plants are stocky and strong. One of the best for shipping and the home garden. Continues bearing throughout the summer.
Pkt., 10 cts.; ½ oz., 25 cts; oz, 40 cts; ¼ lb., $1.25; lb., $4 00.

Golden Queen, (Queen of the Yellows.) Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than the red varieties, the flesh finer-grained, very tender, and of a handsome yellow color which makes it especially attractive when sliced with the red sorts. Try it. Pkt., 10c; ½ oz., 25c.; oz., 45c.; ¼ lb., $1.35; lb., $4.50

Dwarf Champion. Dwarf and compact in habit, the plants growing stiff and upright, with very thick and short-jointed stems, requiring no stakes· Often sold as Tree Tomato. Can be planted as close as three feet. Unsurpassed as a cropper. Color deep red, with a purplish tinge. Round and smooth. Pkt., 10 c; ½ oz., 25 c.; oz., 40 c.; ¼ lb., $1.25; lb., $4.00.



Some of the very useful small fruited Tomatoes - Peach Cherry and Pear shaped.

SMALL FRUITED TOMATOES

The Small Fruited Tomatoes are most interesting and can be used in so many delightfully attractive and appetizing forms in salads, or for preserves and pickles, and are so very prolific, that they are getting more popular every year. They are invariably used whole.

Package 10 cents; ½ oz., 25 cents.; oz., 65 cents; ¼ lb.; $2.00, lb., $6.50

Red Peach. A small red, very prolific, peach-shaped preserving tomato Hau a unique and attractive "bloom" as on a peach.

Yellow Peach. Same as above except in color.

Red Cherry. Small, perfectly round and smooth, bright red, borne in large clusters. Fine for preserves and pickles.

Yellow Cherry. Differs from Red Cherry only in color.

Pear-Shaped Red. True pear-shaped, small, bright red. Used for preserves and for making "Tomato figs."

Pear-Shaped Yellow. Same as the above, except color.

Plum-Shaped Yellow. Handsome in appearance and valuable for preserving. Excellent served raw with pepper and vinegar.

Husk or Strawberry (Winter Cherry, etc.) Fruit golden yellow, size of a cherry. Fine for pies, or preserves, and is very palatable to eat from the hand as you would strawberries.

Other Standard Varieties Tomatoes

Pkt., 5 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.

Bonny Best. Almost identical with Vick's strain of Earliana in vine and fruit, but a week to ten days later.

Acme, Favorite, Perfection, Red Rock.

RUTABAGAS or Swede Turnips

Col nabo, Span. Cavolo navone, Ital.

Packet, 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.00.

Golden Heart. A fine new table Rutabaga of excellent quality. It is of medium size, round and rich golden yellow clear through. Tender sweet flesh.

Butter Yellow Table Swede. A round medium-sized table Rutabaga of excellent mild flavor and quality. Skin and flesh a rich, golden yellow. One of the best Swedes for table use.

White Sweet Swede. A large, white, solid Swede, sometimes called White Russian. Quite desirable for table or stock-feeding. A great yielder. Fine form and good keeper.

Vick's Purple-Top Yellow An excellent variety either for the table or cattle-feeding. Flesh yellow, firm. solid, rich, and sweet. Very hardy, prolific, tender. A splendid keeper.

TURNIPS

SOW in drills from twelve to eighteen inches apart, and half an inch deep, from the 25th of July until the middle of August. Swede or Ruta Baga Turnips should be sown the first of June, the rows being about eighteen inches apart, and the plants in the rows not less than ten inches. One ounce of seed will sow 200 feet of row; and two to three pounds are required for an acre in drills. Packet, 5 cts.; oz., 15 cts.; ¼ lb., 35 cts; lb., 85 cts.; except as noted.

Purple Top White Globe. (Our own special strain) By far the most popular and satisfactory variety for this part of the country. Its handsome globular shape, fine smooth appearance, small tap root, excellent flavor, and good keeping qualities make it very desirable anywhere. See illustration.

Purple-Top Strap-Leaved. Flat, medium size, purple above the ground, white below. The most popular variety for early use, either for table or stock.

Early White Flat Dutch, Strap-Leaved. Similar to above. A fine, early, white sort, of quick growth and excellent quality.

Extra Early Purple-Top Milan. A white variety, purple-top and strap-leaf. This and the White Milan are the earliest of all Turnips; it remains in good condition a long time. Quality is unexcelled.

Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Extra Early White Milan. Similar to above except it is pure ivory white in color, and about one week earlier.

Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

Early White Snowball or Six Weeks. A perfectly globe-shaped, white-skinned Turnip of medium size and excellent flavor For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market.

Large Yellow or Amber Globe. Good for general crop. Excellent for table or for stock-feeding. Flesh yellow, firm, and fine-grained.

White Egg. An excellent variety. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August.

Long White Cow-Horn. A quick-growing sort, half long in shape, fine-grained, sweet, good quality. Roots grow partly above ground. Pure white in color. Very productive.

Robertson's Golden Ball, or Orange Jelly. This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best sweetest and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early and keeps well.

PURPLE-TOP WHITE GLOBE

Vegetable and Flower Seeds are delivered free of charge to any place in the U. S. or Canada, unless otherwise noted.

Special Prices on Peas, Beans and Corn FOR LARGE GROWERS

Gardeners and Commercial Growers who use other seeds in larger quantities than quoted in this book are requested to forward a list of their requirements for Special Market Gardeners Prices.

THE PRICES of everything in this catalogue unless otherwise specified are prepaid to your address either by Parcel Post or Express This is a very distinct advantage and one which our customers all appreciate as it avoids a lot of confusion. However, on larger quantities we feel that it is much fairer to have prices covering the actual value of the seed so as to avoid the inequalities of Parcel Post or other transportation charges to different distances, but instead of having our bulk prices scattered around on different pages, we group together on this page prices on Peas, Beans and Corn covering **actual value of the seed.** In ordering please be sure to specify whether you want shipment sent by Parcel Post, Express or Freight. If shipment is desired by Parcel Post sufficient postage according to the rules shown below must be included. If desired by Express or Freight, the charges can be paid to your agent at the time of delivery. At the prices given below we make no charge for boxes or bags.

PEAS

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Alaska	65	27	25
Admiral Dewey	60	26	24
Alderman	60	26	24
American Wonder	60	26	24
Abundance	60	26	24
Everbearing	60	26	24
Boston Unrivaled	60	26	24
Canada Field Peas	40	18	17
Carter's Early Fight Weeks	65	28	26
Champion of England	60	26	24
Dwarf Gray Sugar	65	27	25
Early Morn	60	26	24
Extra Early Premium Gem	60	26	24
Gradus (Prosperity)	65	27	25
Improved Stratagem	60	26	24
Large Black Eye Marrowfat	50	21	19
Large White Marrowfat	50	21	19
Laxtonian	70	29	27
Little Marvel	60	26	24
Melting Sugar	65	28	26
Nott's Excelsior	60	26	24
Surprise	70	30	28
Thomas Laxton	65	28	26
Telephone	60	26	24
Vick's Extra Early	60	26	24
Vick's Daisy	65	28	26
Vick's First Choice	60	26	24
Worlds Record	60	26	24

For descriptions of above varieties of Peas see pages 28 and 29.

BEANS

For Postage See Below

GREEN POD VARIETIES

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Bountiful	70	30	28
Dwarf Horticultural	70	30	28
Extra Early Red Valentine	65	27	25
Extra Early Refugee	65	27	25
Full Measure	65	28	26
Giant Stringless Green-Pod	70	29	27
Improved Stringless Green-Pod	65	28	26
Keeney's Stringless Refugee	65	28	26
Refugee 1000-1	65	27	25

WAX POD VARIETIES

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Brittle Wax	70	30	28
Burpees Kidney Wax	70	30	28
Davis White Wax	70	30	28
Rustless Golden Wax	65	28	26
Hardy Wax	70	29	27
Pencil Pod Black Wax	65	28	26
Prolific Black Wax	65	28	26
Refugee Wax	60	24	22
Surecrop Stringless Wax	65	28	26
Wardwell's Kidney Wax	70	29	27

DWARF LIMA VARIETIES

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Fordhook Bush	90	40	38
Henderson's Bush	70	30	28
True Bush Lima	80	35	33
Wood's Prolific Bush Lima	70	30	28

POLE VARIETIES

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Early Golden Cluster Wax	70	30	26
King of Garden Lima	75	32	30
Large White Lima	75	32	30
Old Homestead	65	28	26
Scarlet Runner	75	32	30
Seibert's Large Early Lima	75	32	30

For descriptions of above varieties of Beans see pages 10 and 11.

SWEET CORN

For Postage See Below

	2 lbs.	10 lbs to 25 lbs per lb	25 lbs and over per lb
Bantam Evergreen	75	30	28
Black Mexican	70	27	25
Country Gentleman	80	35	32
Dreer's Aristocrat	75	30	28
Early Dawn	70	28	26
Early Evergreen	80	34	32
Vick's Morning Dew	70	27	25
Early Minnesota	75	30	28
Golden Bantam	75	29	27
Howling Mob	70	27	25
Mammoth White Cory	70	27	25
Stowell's Evergreen	75	32	30
Vick's Earliest of All	70	28	26
Vick's Golden Nugget	75	30	28

For descriptions of above varieties of Corn see on pages 18 and 19.

PRESENT PARCEL POST RATES

For Bulk Shipments.

When ordering Peas Beans and Corn at the prices listed above, if you want the shipment to go by Parcel Post you can easily figure out from the tables given below just what the postage on the number of pounds ordered will amount to. Be sure to include this in your remittance. Your Postmaster or Letter-carrier can tell you what zone rate applies on shipments from Rochester to your address.

Zones	First lb.	Each additional lb.	Distance from Rochester
1 and 2	5c	1c	up to 150 miles.
3	6c	2c	150 " 300 "
4	7c	4c	300 " 600 "
5	8c	6c	600 " 1000 "
6	9c	8c	1000 " 1400 "
7	11c	10c	1400 " 1800 "
8	12c	12c	over 1800 "

If all our prices on bulk seeds included sufficient amount to pay postage or express to customers in remote parts of the United States you will readily see that customers who live nearby are paying more than the postage or express actually amounts to. By following the plan above you pay the exact amount of postage or express and not one cent more. There is no limit to the amount you can send by mail so that any gardener who may want fifteen or twenty pounds of a number of different kinds can have them sent anywhere by mail.

VERY IMPORTANT! Please order your seeds in bulk from this page in one group on the order sheet, setting down the price after each quantity. Then immediately below, before you forget, set down the amount of postage required to carry the quantity ordered.

ADVANTAGES OF EXPRESS. Notwithstanding the cheap Parcel Post rates, in many cases it will be to advantage of our friends to have shipments sent by express, especially if you live near an Express office. In many cases the express rates are lower than Parcel Post, especially on shipments weighing more than 20 pounds to points beyond the third Zone from Rochester. The elements of safety and speed, and the fact that charges do not have to be paid until shipment arrives are other valuable considerations. If you do not enclose the postage, we will forward the package by Express without further instructions.

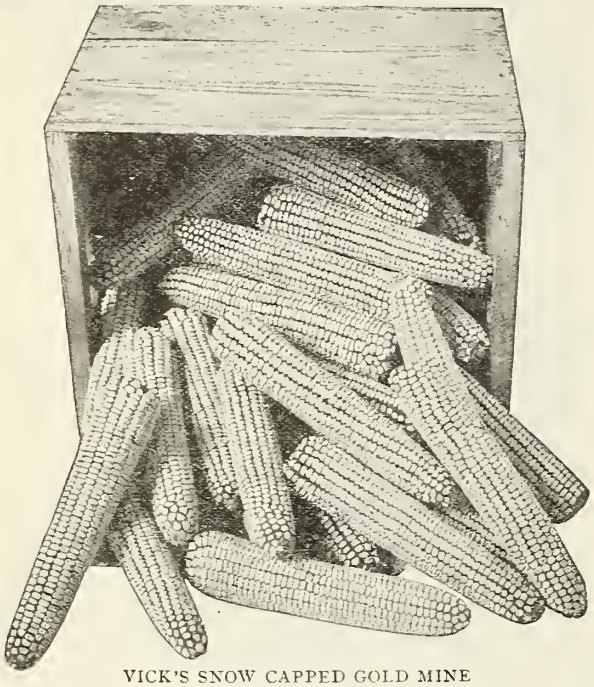
SPECIAL MARKET GARDENERS PRICES

If you grow vegetables for the market and buy seeds in quantity write for our special market garden price list giving bulk prices on all kinds of vegetables. When you write be sure to tell us if you are a market grower.

FARM AND MISCELLANEOUS SEEDS

All kinds of Farm Seeds are F. O. B. Rochester, except as noted. The prices quoted are subject to market changes and are based on the latest information obtainable at the time this Catalogue goes to press. Our customers may rely on us to protect their interests and give them the best prices possible at the time the order is received. Special prices for large quantities upon application.

VERY IMPORTANT NOTICE. Our prices have been reduced to the actual value of the seed. Additional remittance to pay for bags should therefore be included as follows: For each peck, 15 cents; for quantities from 1 to 2½ bushels, 40 cents.



VICK'S SNOW CAPPED GOLD MINE

FIELD BEANS

By mail postpaid, ½ lb., 20 cents; lb., 30 cents. By Express or Freight not prepaid, 15 lbs., $2.25; 60 lbs., bu. $8 40; 100 lbs., $14.00

Vick's Marvelous. One of the finest varieties of field beans ever introduced. A big handsome, very productive, hardy vigorous, white kidney bean, seemingly immune from disease. When the handsome large pods are young they are almost stringless and can be used as string beans. As a shell bean either green or dry, it is unexcelled as it has a distinct pleasing flavor.

Large White Marrow. Extensively grown as a dry bean for winter use. The beans are large, clear, white, cooking dry and mealy.

Red Kidney. A popular field sort. Hardy and heavy yielder.

Pea or Navy. Imported Strain Very productive.

per bu. $6.00; 100 lbs., $10.00.

SOY or SOJA BEAN

Mammoth Yellow. Valuable as forage or fertilizer. Thrives well in hot and dry weather. Sow broadcast one-half bushel to the acre, or in drills three feet apart and one foot between plants. 15 lbs., $1.00; 100 lbs., $6.25.

Medium Early Green. Similar in purpose to Mammoth Yellow, but a few days earlier. 15 lbs., $1.25; 100 lbs., $7.50.

Medium or Early Yellow. An early variety which will nearly always mature even in this section. 15 lbs., $1.25; 100 lbs., $7.50.

COW PEAS

This pea has always been valuable for improvement of the soil. It is considered superior to clover for plowing under as a preparation for other crops. For fodder, or for the seed, plant three feet apart and cultivate thoroughly.

New Era, Whippoorwill, 15 lbs., $1.10; 60 lbs., $3.75. 100 lbs., $6.50.

For other valuable field peas see page 29.

BARLEY

Prolific Six Rowed. A heavy yielding variety.

12 lbs., 60 cts.; bu., (48 lbs) $2.25; 100 lbs., $4.25.

BUCKWHEAT

Japanese. The heaviest yielding variety, with very large kernels and large branching plants. 12 lbs., 60 cts.; bu., 48 lbs., $2.10 100; lbs., $4.20.

Silver Hull. The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. Fine stock.

12 lbs., 65 cents; bu., 48 lbs., $2.00: 100 lbs., $4.10.

FIELD CORN

Genesee Valley. The standard yellow eight rowed flint variety used most commonly in this locality. It is an improvement of the old popular Long Fellow. The coh is white, 12 to 15 inches long, very slender. It is one of the earliest, hardiest and most productive varieties of Flint Corn, especially adapted to this part of the country.

10 lbs., $1.00 ; 28 lbs., (1-2 bu.) $2.00; 56 lbs., (1 bu.) $3.50.

Vick's Snow Capped Gold Mine. Since we introduced this variety several years ago, it has gained a wonderful reputation for itself as a white capped yellow dent corn of exceptional value. It is very early, exceedingly productive and is ideal especially for ensilage purposes as it ripens sufficiently early to produce the maximum amount of food value even where seasons are short.

10 lbs., 95 cts.; 28 lbs., (1-2 bu.) $1.75; 56 lbs., (1 bu.) $3 25.

Vick's Early Northern White Dent. This is the earliest dent variety we have ever grown. It will ripen in northern climate better than any other dent corn we know. It is very productive and is excellent either for husking or for ensilage purposes.

10 lbs., $1 00; 28 lbs., (1-2 bu.) $1.75; 56 lbs., (1 bu.) $3.25.

Improved Leaming. One of the standard yellow dent varieties for ensilage purposes. Very strong growing. Has large ears, 16 rows of deep kernels.

10 lbs., $1.00; 28 lbs., (1-2 bu.) $1.75; 56 lbs., (1 bu.) $3.25.

Drought Proo Yellow Dent. Especially desirable as it will resist dry weather better than other varieties and produces large crops.

10 lbs., $1 00; 28 lbs., (1-2 bu.) $2.00; 56 lbs (1 bu.) $3.50.

MILLET

Hungarian Grass (*Panicum Germanicum*). Valuable soiling plants. May be sown as late as first of July, and produce a large green crop. Sow 40 lbs. to the acre. Bushel, 48 pounds. Pound, 10 cents: 100 lbs., $7.00.

Golden Millet. Medium early forage plant, very prolific. Sow 38 pounds per acre. Bushel, 40 pounds. Pound, 10 cts; 100 lbs., $7.50.

VICK'S SELECT OATS

Swedish. One of the standard branching varieties with the panicles evenly distributed around the main stem. Our stock is of superior quality.

Per bushel 32 lbs., $1.25: 100 lbs., $3.60.

American Banner. Originated by us many years ago. Now better than ever as it has been improved by selection, A very heavy yielder; the grain is white, plump and ripens early.

Per bushel 32 lbs., $1.25; 100 lbs., $3.60.

RAPE Dwarf Essex

Extremely valuable for furnishing a quick growth of forage. A vigorous strong growing turnip-like plant. Especially grown for feeding sheep, but cattle, pigs, and milch cows do very well upon it. For sheep pasture, sow in May, and it will be ready for pasturing in July and August; or sown in June, or even up to the latter part of July, it will furnish a large amount of pasture or fodder. In drills, sow five pounds to the acre; broadcast, ten pounds to the acre.

Pound, 15 cents: 10 lbs., and over, 12 cts., per lb,

RYE

Spring Rye. The standard variety for spring planting. Sow about one and one-quarter bushels to the acre.

15 lbs., 75 cts.; 56 lbs., $2.50.

Rosen Rye. The most improved variety of Winter Rye.

15 lbs., 75 cts.; 56 lbs., (1 bu.) $2.25.

SPRING WHEAT

Spring Wheat is being used more extensively in this section every year with a high degree of success.

Per bushel 60 pounds, $2.75.

SORGHUM

Early Amber. This variety is coming into general use for summer fodder for cattle in place of sowed corn, yielding two crops in a season. It is claimed to keep up the flow of milk, and cows like it better than any other feed. It is also easily cured, and makes excellent dry fodder. Three to four pounds are sufficient for an acre, in drills thirty inches apart, sowing the seed thick and shallow in the row.

Pound postpaid 20 cents.; 100 lbs., $7.00, not prepaid.

BROOM CORN

Improved Evergreen. This variety is now grown more extensively than any other, on account of its straight, long, light green brush. It is very productive. Sow six pounds to an acre. Pound, 20 cents postpaid; 100 lbs., not prepaid, $7.00.

If you are interested in any varieties of field seed not listed here we shall be glad to have you write us

ALFALFA

All prices on this page are f. o. b. Rochesthr except as noten.

The very best Northwestern grown seed of highest purity and germination.
Lb., 35 cents; 10 lbs., $3.25; 60 lbs., (1 bu.) $15.00.

CLOVERS

	Per Bu. 60 lbs.	Per 100 lbs.
Vick's Medium Red Clover, extra fancy bright colored plump seed, ...	$24 00	40 00
Mammoth Red Clover, the hest grade.	25 00	41 67
Alsike or Swedish Clover, (*Trifolium hybridum.*) Surpasses all other clovers for rich moist soils. 8 lbs., per acre.	15 00	25 00
White Clover. (*Trifolium repens.*) Valuable in lawn grass mixtures and indispensable n pasture mixtures. . . . . Per lb., 95 cents	51 00	85 00
Crimson Clover. Valuable, annual for hay or pasture. 10 to 15 lbs., per acre.	6 00	10 00
Sweet or Bokhara Clover. White blossom (*Melilotus alba*) Valuable perennial for soil fertilizer.	12 00	20 00

Hubam. The new annual sweet clover, which is considered one of most important agricultural developments of recent years It matures in one year. Per lb., 50 cents; 100 lb., $45 00.

EXTRA RECLEANED GRASSES

	Per lb.	Per 100 lbs.
BERMUDA GRASS. (*Cynodon Dactylon.*) Invaluable in the South. Not hardy in the North	$0 75	$65 00
FANCY RED TOP. (*Agrostis vulgaris.*) Indispensible in mixtures for lawns, pastures or meadows	30	25 00
HARD FESCUE. (*Festuca elatior.*) A low-growing grass	30	25 00
ITALIAN RYE GRASS. (*Lolium Italicum*) Annual; will thrive in almost any soil	20	17 00
KENTUCKY BLUE GRASS. (*Poa pratensis.*) Invaluable for lawn; For lawns 60 lbs. per acre; for pasture. 20 lbs., per acre	45	40 00
MEADOW FESCUE (*Festuca pratensis.*) Fine for pastures	20	17 00
ORCHARD GRASS. (*Dactylis glomerata.*) One of the best pasture grasses. Twenty to thirty pounds per acre.	30	25 00
PERENNIAL RYE GRASS. (*Lolium perenne.*) Valuable for pasture and lawn grass. 20 to 30 lbs. per acre.	24	20 00
RED FESCUE. (*Festuca rubra.*) A good grass for shady places.	35	30 00
SHEEP'S FESCUE (*Festuca ovina.*) Low growing grass with fine narrow leaves. 30 lbs. per acre.	35	30 00
SUDAN GRASS. Similiar to Millet but more productive.	15	12 00
TIMOTHY. Leading variety for hay stock bright, plump, high purity and germination test 10 to 12 lbs. per acre. Per bushel (45 lbs.) $4.7	15	10 50

HAIRY VETCH

Winter Vetch, Russian Vetch, Sand Vetch, (*Vicia Villosa*)

Valuable in the north, especially as a cover crop. It makes a quick vigorous growth and excels Alfalfa and the Clovers in the number and size of nitrogen bearing nodules on its roots. For enriching the soil a good crop of Hairy Vetch plowed under is estimated to be equal in value to forty tons to the acre of fresh stable manure. It does especially well on light soil. Rich in food value. When grown for soiling or ensilage it is usually mixed with Rye, which furnishes support for the trailing vines of Vetch.

Sow sixty pounds of Hairy Vetch and fifteen pounds of Winter Rye to the acre. If sown alone use seventy-five to ninety pounds of Hairy Vetch to the acre. By Mail Postpaid, lb,. 35 cents; Freight or Express not prepaid, 5 lbs., $1.10; 10 lbs., $2 00; 25 lbs., or over, 18 cents, per lb.

Spring Vetch, 1 lb., By Mail, 25 cents. By Freight or Express not prepaid 100 lbs., for $12.00.

INOCULATING BACTERIA

For Alfalfa, Clovers, Peas, Beans and other Legumes.

It is now generally understood that the nodules which form on the roots of legumes are caused by the propagation of bacteria which extract nitrogen from the air, making it available for the growing crop and leaving a large surplus in the soil for succeeding crops. To insure the presence of these valuable nodules, it is nearly always necessary to inoculate the seed with a pure bred culture of bacteria. Legumes offer the best means of maintaining soil fertility and rejuvenating over-cropped and worn out fields. They add both humus and nitrogen to the soil and thus increase the yield of Wheat, Oats, Corn and other non-legume crops. The United States Department of Agriculture and many State Agricultural Experimental Stations, recommend inoculation of legumes with nitrogen fixing bacteria, in order to insure a prompt "catch" and increase the yield.

Inoculating Bacteria is made in a number of forms. We offer what we consider the very best kinds, shown here. Always specify on your order, what crop you want to inoculate, as there is a different strain of bacteria for each legume. It is prepared for the following crops:

Alfalfa, Crimson Clover, Soy Beans, Garden Peas, Red Clover, Vetch, Garden Beans, Alsike, Cow Peas, Sweet Peas, Lima Beans and others.

NODULE BACTER is prepared and packed with exceeding care, in ventilated bottles, by the most approved methods, insuring freshness and a quantity of live nitrogen-gathering bacteria. Put up in bushel sizes instead of acre.

For Alfalfa, Red Clover, White Clover and other clovers. 5 bu. size, $4.00; 1 bu. size $1.00; ½ bu. size 60 cts.; peck size 40 cents.

For Beans, Peas, Vetches and other larger seed. 10 bu. size $4.00. 2 bu. size $1.00; 1 bu. size 60 cts.; ½ bu. size 40 cents. Special garden size, only for Sweet Peas, Garden Peas and Beans, 35 cents.

MULFORD CULTURES contain pure tested strains of active, vigorous nitrogen fixing bacteria, scientifically prepared with utmost care and skill. The sealed bottle insures purity. Can be readily applied to the seed. Prices, 5 acre size, $5.00, "Dollar per acre"; 1 acre size, $1.50; ¼ acre size, 75 cents; small size (supplied only for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), 35 cents.

FARMOGERM has been used with excellent results for many years. It is in bottles, special jelly media, patented ventilating stopper to keep it fresh. Prices, 1 acre size, $1.00; 3 acre size, $2.50; 12 acre size, $9.00 Special garden size for peas, beans and sweet peas 50 cents.

The prices of inoculating bacteria given above include transportation on freight shipments only. If wanted by parcel post add 10 cents per bottle.

SUNFLOWER

Mammoth Russian or Manchurian. Highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. Sow seed as soon as the ground is warm, in hills four feet apart each way. Three pounds of seed will plant one acre. Yields from fifty to seventy bushels per acre. ¼ pound, 10 cts; ½ lb., 15 cts; lb., 25 cts; 25 lbs., or over, 15 cents per pound.

BIRD SEED

Canary Seed. Per lb., postpd, 20 cts.; not postpd, 5 lbs., 65 cts.; 10 lbs $1 25

Vick's Special Recleaned Mixed Bird Seed. A fine mixture which we make up ourselves of seeds of first quality only. Per lb., postpd., 20 cts.; not postpd., 5 lbs., 65 cts.; 10 lbs., $1 25.

Lettuce for Birds. Per lb., postpaid, 30cts.; not postpaid, 5 lbs., $1.00.

Hemp Per lb., postpaid, 20 cts.; not postpaid, lb., 15 cts.; 5 lbs., 65 cts.; 10 lbs., $1.25.

Sunflower. Per. lb., postpaid, 20 cts.; not postpaid, lb., 15 cts.; 5 lbs., 65 c. 10 lbs., $1.25.

When ordering Inoculating Bacteria Cultures be sure and state clearly for what crop it is intended to be used

A FIELD OF COSMOS GROWING FOR SEED ON ONE OF OUR FARMS. (See page 51.)

VICK'S ANNUALS

THE Annuals are valuable treasures to both amateur and professional gardener. In every conceivable spot in the garden some variety will be found especially well adapted. Every bed can be made brilliant with these favorites, for there is no situation or soil in which some of the Annuals will not flourish. Some members delight in shade, others in sunshine; some are pleased with a cool clay bed, like the Pansy; while others are never so comfortable as in a sandy soil and burning sun, like the Portulaca. Still others seem perfectly indifferent, and will grow and flower under almost any circumstance. Some kinds should be planted very early in the spring, while a few will give an abundance of bloom if planted quite late in the season.

To the Annuals, mainly, are we indebted for our brightest and best flowers in the summer and autumn months. Without the Phlox and Petunia and Portulaca and Aster and Stock, our gardens would be poor indeed, and poorer still without the sweet fragrance of the Alyssum, Mignonette and Sweet Pea. Our list of Perennial flower seeds begins on page 67, hardy plants and bulbs on page 71.

AGERATUM

The pretty, brush-like flowers of the Ageratum are produced in clusters constantly all through the summer. The plant has a neat, bushy habit. Excellent for bedding or for bouquets. Seeds may be sown in a mellow seedbed in the open ground, or under glass early in the season. Pkt.

Little Dorrit. Azure blue. Very dwarf. Free flowering 10
Little Dorrit, White. Same as above, except in color of flower. . . . 10
Blue Perfection. Splendid dwarf bedding variety, the darkest of all blue Ageratums. ¼ ounce, 40 cents 15
Princess Victoria Louise. Dwarf. Bright blue, white center 10
Mixed Varieties. ¼ ounce, 15 cents; ½ ounce, 25 cents 5

ALLEGHENY VINE

Adlumia cirrhosa. Wood Fringe. Graceful hardy biennial climber with feathery foliage like the Maiden Hair Fern. Bears a profusion of pretty and curious pink flowers. Easily grown, and blooms first year from seed. Likes a damp, cool place. Often reseeds itself . . . . . Pkt. 15

ALYSSUM (See also pp. 67 and 71)

Small white flowers, delicately fragrant, valuable for cutting and for bedding. Sow in early spring or even the previous autumn. In the border the plant is covered with bloom the entire season. For winter bloom sow the last of August, thinning to about a dozen plants for a good sized pot or basket. When out of bloom cut back for a second crop of flowers. Pkt.

Sweet Alyssum. ½ ounce, 20 cents; ounce, 30 cents 5
Little Gem. Dwarf, compact. Not over six inches high. Covered with fragrant white flowers the entire summer. ¼ oz., 20 cts.; oz., 60 cts. 10
Carpet of Snow. As the name indicates, this variety forms a close mat completely covering the ground with white bloom.
¼ ounce, 25 cents; ounce, 75 cents 10

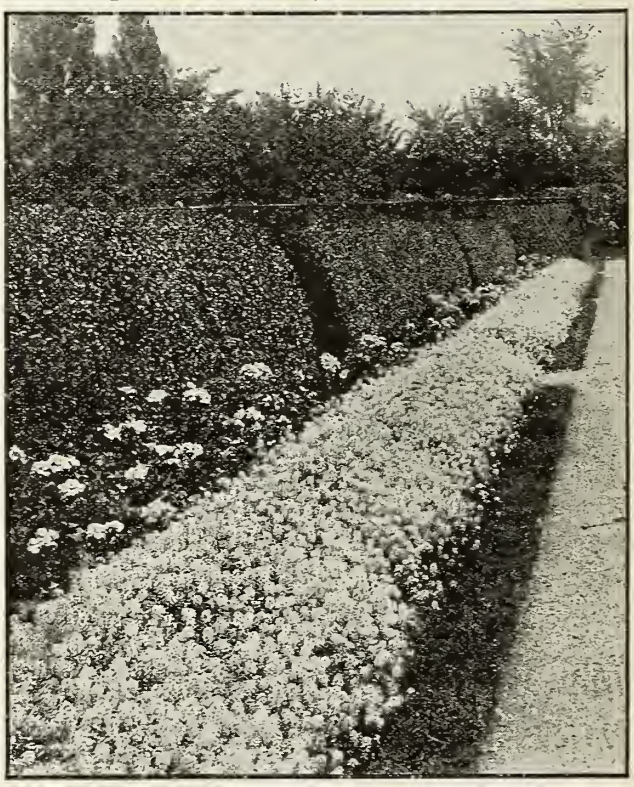
AMARANTH

Bright colored foliage plants from three to five feet high. Easily grown annuals thriving in hot sunny locations. Pkt.

Sunrise. This is the most brilliantly colored of all the Amaranths we offer. Lower leaves dark maroon; top of plant glowing crimson scarlet all summer. A bed or border of Sunrise Amaranth at a short distance bears a striking resemblance to the Poinsetta so popular on our west coast. It has been suggested that it might fittingly be called Northern Poinsetta 15
Tricolor (Joseph's Coat). Foliage crimson, yellow, bronze 10
Caudatus (Love-lies-bleeding). Brilliant crimson foliage, drooping . 10
Vick's Fine Mixture 5

ASPERULA

Flowers fragrant. Plants bloom profusely. About nine inches in height. Thrive well in the shade. Fine for borders and rockeries. Pkt.
Azureta setosa. Annual. Fragrant sky-blue flowers. Blooms all summer. 10

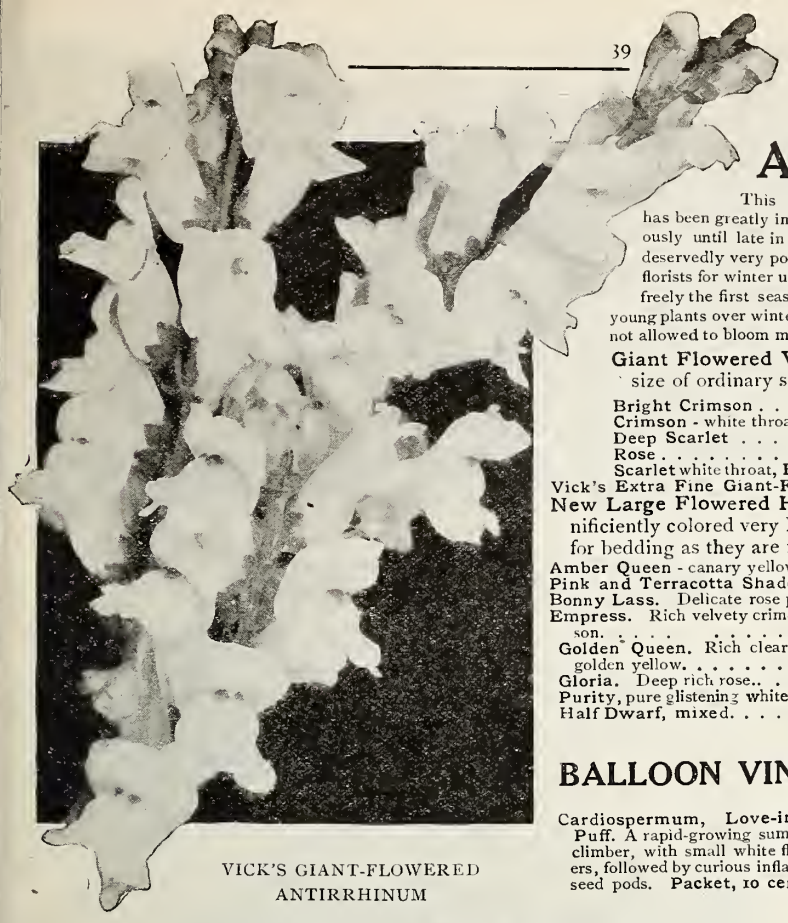


BORDER OF ALYSSUM, GERANIUMS AND PRIVET IN BACKGROUND

AGROSTEMMA (Rose of Heaven)

Pkt.
Coronaria. A very pretty old favorite hardy annual of graceful habit; flowers of light rose, shaded white; silvery white foliage. 10

Sunrise Amaranth with its flaming red tops bears a striking resemblance to the brilliant and well-known Poinsetta.



VICK'S GIANT-FLOWERED ANTIRRHINUM

Vick's Giant Antirrhinums (SNAPDRAGON) Hardy Annual

This fine old time favorite is again becoming very popular. I has been greatly improved in recent years. As a bedding plant it blooms continuously until late in the fall. Since the long spikes of brilliantly colored flowers are deservedly very popular for cut flowers, Snapdragons are grown extensively by florists for winter use. Grow two to three feet high. Sown in early spring it blooms freely the first season. For early flowers sow seed in midsummer and protect the young plants over winter. Plants from seed sown in the spring will live over winter if not allowed to bloom much the first year. They should have some protection in winter.

Giant Flowered Varieties. Of tall growth with flowers double the size of ordinary sorts.

Bright Crimson	10	Scarlet and Gold	10
Crimson - white throat	10	Silver Pink	15
Deep Scarlet	10	Queen Victoria - white	10
Rose	10	Venus - pink on white	15
Scarlet white throat, Firefly	10	Yellow	10

Vick's Extra Fine Giant-Flowered Mixed. ounce, $1.00; 1-4 oz. 35 cts.; pkt., 10 cts.

New Large Flowered Half Dwarf Varieties. Of stocky growth with magnificiently colored very large spikes of flowers. Far superior to tall varieties for bedding as they are more compact, and have fully as large flowers.

Amber Queen - canary yellow overlaid chamois pink, golden lips. 10
Pink and Terracotta Shades. 10
Bonny Lass. Delicate rose pink, white throat. 10
Empress. Rich velvety crimson. 10
Golden Queen. Rich clear golden yellow. 10
Gloria. Deep rich rose. . . 10
Purity, pure glistening white 10
Half Dwarf, mixed. . . . 10

BALLOON VINE

Cardiospermum, Love-in-a Puff. A rapid-growing summer climber, with small white flowers, followed by curious inflated-seed pods. **Packet, 10 cents.**

BALSAM. Lady's Slipper

The seed of this popular old-fashioned annual should be sown either in the house, or in the garden after the ground has become warm. The plants do best in a rather light, rich soil. They transplant readily, and the flowers are much finer if the plants have plenty of room; one foot apart each way is not too much space for best results. Grown this way and given plenty of water the Balsam will make a splendid show and will remain in bloom for a long time. The plants grow about two feet in height.

Camellia-flowered varieties. Superb double flowers in a variety of colors as follows:
White Perfection, Pkt. 15 cts. **Deep Scarlet, Pkt. 15 cts.** **Light Pink, Pkt. 15 cts.**
Mixed. Many fine shades, **Pkt. 10 cts.**

BRACHYCOME

Swan River Daisy. Annual. A charming little flower in blue or white. Plants compact, 12 inches in height, with neat slender foliage. Easily grown and blooms the whole season. Very useful in lightening up bouquet of larger flowers. . . . . **Mixed colors.** 10

CALLIOPSIS

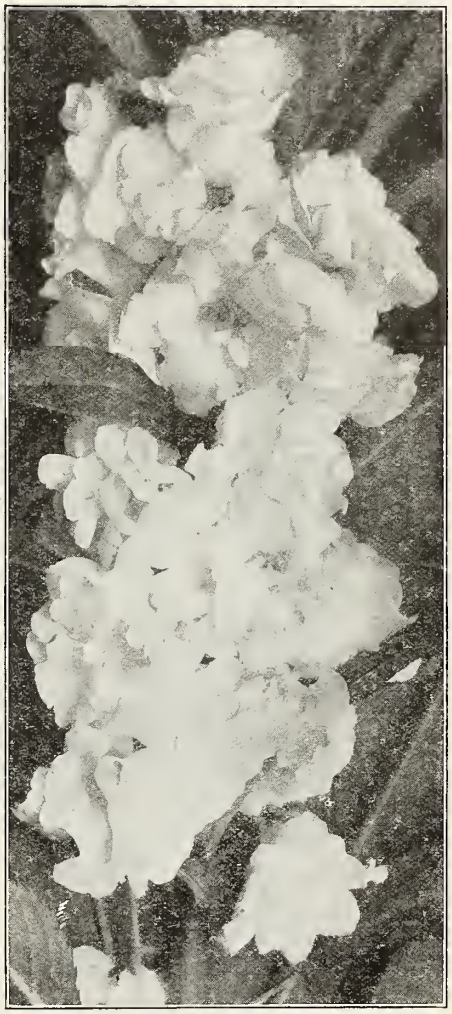
Plants about two feet in height, of slender growth, and should be given plenty of room to spread. The flowers are of various shades of yellow and orange, variegated with rich velvety crimson or maroon. These graceful flowers are excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. The seed grows very readily, and may be sown where the plants are to flower. The perennial variety called Coreopsis appears on pages 68 and 72. Annual. Pkt

Coronata. Plants compact and of a bright rich green. Bloom early and continue until late fall. Flowers golden yellow, about the size of a silver dollar, resembling perennial Coreopsis. 10
Drummondi (Golden Wave). Plants bushy, compact, covered with rich golden yellow flowers, chestnut-brown center 10
Dwarf Varieties Mixed. Fine for edging or pots 10
Tall Varieties Mixed. Grown on our own farms. A splendid mixture of gold, red, maroon and bronze in charming combinations. **One-half ounce, 20 cents.** 10

CANNA (For Bulbs see page 87)

The Canna will bloom from seed the first year if sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

Crozy's Hybrids. Gorgeous bedding plants, dwarf in habit, early bloomers, and remarkable for beauty, size of flower and foliage. If seeds are sown before April in hotbed or greenhouse, the plants will bloom in July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and re-planted the following spring.
Mixed Varieties. ¼ ounce 20 cents; ounce, 50 cents 10
Fancy Varieties. Seeds selected from the best of the newest sorts.
¼ ounce, 25 cents; ounce, 60 cents. 15



BALSAM—LADY'S SLIPPER

Vick's Giant Antirrhinums with their long graceful spikes of brilliant color should have a prominent place in every garden.

A view of one of our Aster fields, Vick's Asters are recognized everywhere as America's standard of excellence.

VICK'S FAMOUS ASTERS

Wherever ASTERS are grown and loved, the world over, VICK'S FAMOUS ASTERS are considered the standard of quality and excellence. The reason for this is not hard to find. In the first place, all our Asters are grown in Western New York under conditions which produce hardy, vigorous plants capable of with standing very adverse conditions, but, more important still we spare no expense, time or effort in keeping our stocks absolutely unapproachable in quality. Each season we make many hundreds of individual plant selections from which we breed up not only many new varieties but constantly improve and perfect the older types. Each summer we personally spend day after day walking up and down the long rows of Asters supervising the expert work of plant selection and elimination of everything that does not meet our standards. The different varieties shown on the following pages are the results of years of this kind of constant development and experimenting and represent the most beautiful, artistic and robust types of the wonderful Aster family. Some of our newest varieties are shown in the Novelty Section on pages 3 & 4.

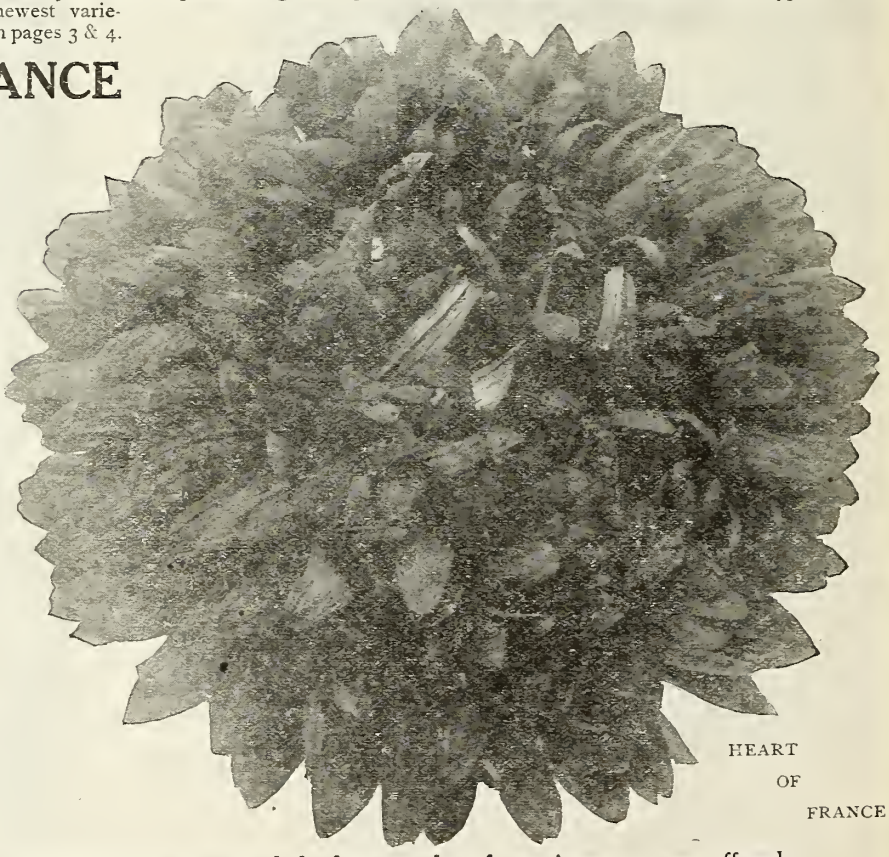
HEART OF FRANCE

The first pure red Aster ever produced. All others prior to its introduction had somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing, now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full with never a trace of a hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals.

Per packet, 20 cts.; 2 for 35 cts.

Chicago, Ill. March 24 1924
"I won the Blue Ribbon at our Flower show in Sept. with some of your Heart of France Asters."
Wm. Sheppard

Lancaster, N. H. Feb. 13, 1924
I ordered Peerless Yellow, Heart of France and all colors of Kings last spring and everyane said the Asters were the handsomest they ever saw. I got first prize at the County Fair.
Mrs. M. J. Davis.



HEART OF FRANCE

Since its introduction Heart of France has enjoyed the largest sales of any Aster we ever offered.

VICK'S ROYAL ASTERS SHOWN ABOVE, ABOUT ONE-HALF NATURAL SIZE.

THREE GOOD EARLY VARIETIES

VICK'S IMPERIAL ASTERS

The Imperial Asters comprise a collection of second-early varieties distinguished by their delicacy of coloring, their profusion of bloom, and the extreme doubleness of their flowers. The large flowers are so double as to be veritable balls of bloom. In most of the Imperial varieties the petals are narrow, straight and sometimes slightly folded lengthwise. The vigorous plants are upright in growth and produce stems of good length. Vick's Daybreak, introduced by us in 1897, and Vick's Purity introduced in 1899, are now the best known and most widely used of all second-early Asters. They are especially adaptable for all kinds of bedding, because of their compact habit of growth.

Packet, 15 cents; two for 25 cents, except as noted.

Imperial Giant Daybreak. The fully double, perfectly formed flowers are a beautiful and extremely delicate shade of flesh pink.

Imperial Giant Purity. Larger in plant and flower than the famous original Purity. Crowned with great snow white globes of bloom.

Imperial Lavender. A delicate shade of palest lavender. Resembles Daybreak in size, in form and in season. The lavender tint is about the same depth of color as the pink of Daybreak.

Imperial Rose. A very attractive shade of silvery rose. The blooming plants are veritable bouquets of roses.

Imperial Lilac. Charming new shade, free flowering and very double Color pretty and distinct.

Imperial Bluebird. A bright, lively blue. The plants are covered with the rounded, full double flowers.

Imperial Sunset. This year we have sufficient seed of this rare favorite to again offer it here. A soft delicate pink at ends of petals shading to deeper shade at center.

Imperial Yellow. Another very popular variety which our friends will be glad to see back in the catalog. Pale lemon yellow, not very large but exquisite in form and delicacy of coloring.

Imperial Mixed Colors. A good mixture of the above colors.

A packet each of any five of the above colors, 60 cents.

Imperial Salmon. We are glad to be able again to offer a limited quantity of seed of this exquisetely beautiful but sparse seeding variety. A very pleasing shade of pinkish salmon of perfect form.

Per packet, 25 cents.

VICK'S ROYAL ASTERS

Vick's Royal form a new class of Asters in which the petals are very broad and distinctly incurved or shell-shaped. The charming shape of the petal gives an effect of shading that enhances the beauty of the color, has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. In season they are earlier than Branching Asters, remaining in bloom a long time.

Vick's Royal White	**Vick's Royal Shell Pink**
Vick's Royal Lavender	**Vick's Royal Purple**
Vick's Royal Rose	**Vick's Royal Lavender Pink**

Separate colors, or mixed colors, each, packet 15 cents.

Royal Collection of the six packets, 60 cents.

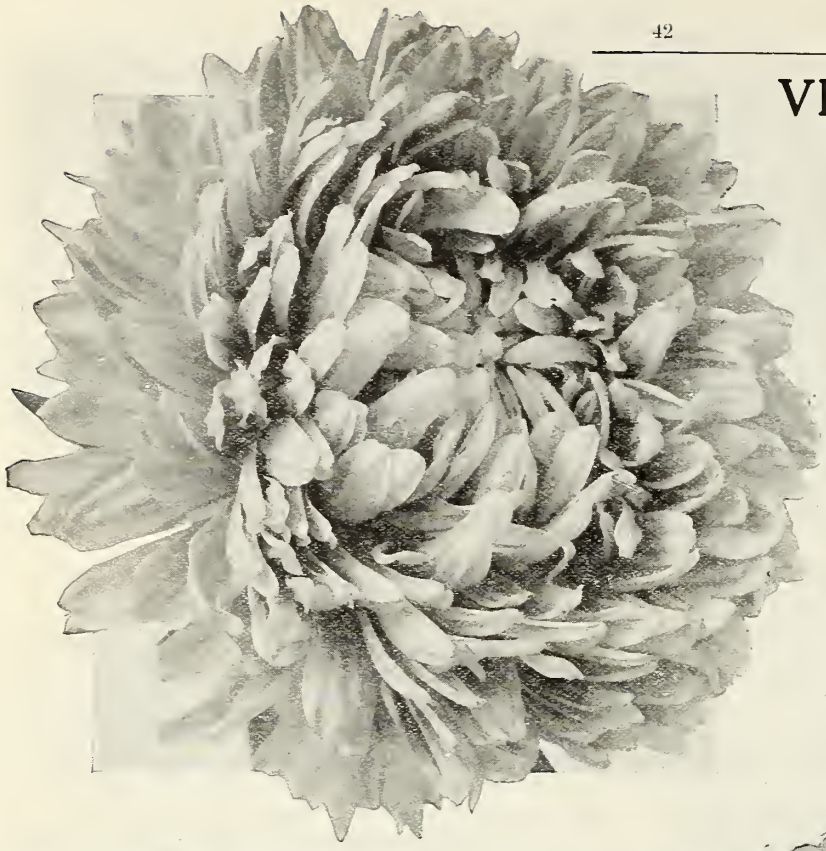
VICK'S LAVENDER GEM

When first open the flower is an exquisite pale lavender, which deepens with age. In structure, it is always full double, and bears a large proportion of long, partly tubular florets, which are irregularly cut and slashed, so that it looks like a ragged Chrysanthemum. The flowers are borne in profusion on long, slender, wiry stems. The plant is erect and of medium height, branching close to the ground. It belongs with the early sorts. Indeed for the amateur it is about the earliest variety of value for out door planting.

Packet, 25 cents.

A plant of Imperial dug from among the thousands in our fields and potted for photographing.

Our newest Asters are shown on page 3 of Novelty Section.



VICK'S BRANCHING ASTERS

Vick's Branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we grow them, are double to the center. There are other Asters, exquisite in form and of delicate color, but Vick's Branching Aster is still the leading Aster in all flower markets, and still holds first place in the garden of the amateur.

VICK'S EARLY BRANCHING

The plants of the Early Branching Aster attain the size and vigor of the famous Late Branching, but blossom from ten days to two weeks earlier. The many branches are free from side buds, the whole strength of the plant being given to the development of extra large, perfectly formed flowers on long stiff stems, making them especially desirable for vases, for exhibition, or for sale.

Packet, 15 cents.

A Packet each of any two colors, 25 cents.

Rose. A beautiful, brilliant shade of rose.
Lavender. A light shade of clear, pale lavender, a color which is always popular in cut flowers.
Crimson. A rich, dark crimson. Especially adapted for massing.
Lavender Pink. Similar in color to Vick's Late Branching Lavender Pink.
Dark Violet. Rich, deep velvety color, darker than purple.
Shell Pink. A delicate, very light shade of pink.
Purple. Rich, dark purple, well formed flowers.
Mixed Colors. An excellent mixture
Rosy Red. One of our best introductions of recent years. A beautiful distinct color unlike anything previously known in Asters; a shade deeper than rose but lighter than crimson; a soft warm color very attractive.

Holyoke, Mass., Sept. 5, 1924.

"In the spring we purchased Aster seed from you. Well, I must tell you I certainly have some beautiful Asters in bloom just now."

Mrs. Geo. F. Cushing,

Meadville, Pa. Feb. 1, 1924

I grew your Heart of France and Vick's Branching Asters two years ago. Such Asters were never seen here. People came from all over the City to see them. We had one bouquet of fourteen blooms taken from the Heart of France which we kept for thirty-seven days.

Charles Voorhies

VICK'S EARLY BRANCHING ROSY RED

Letters like those above make us feel that we are a bit too modest in our own statement about Vick's Asters.

VICK'S LATE BRANCHING ASTERS

Prior to the introduction of our famous strain of Late Branching Asters, nearly all seedsmen secured their stock from well known European growers, but never since we first offered our Late Branching Asters has any other strain from Europe or elsewhere equaled it in size, usefulness and popularity. Today Vick's Branching Asters are well known and in great demand, not only in America, but in Europe, South America, and far-away Australia—wherever, in fact, good flowers are grown. It maintains its position of leadership because we are taking great pains to improve it on our experimental farms, so that the plants are stronger, the stems longer, the the flowers larger and more perfectly shaped than those of each preceding generation. The flowers of our Late Branching Aster are of immense size. The great number of petals closely massed forms a solid globe-shaped flower, magnificently beautiful in its exquisite perfect, fluffy Peony-like form. The flowers are borne in great profusion on long stems, frequently two feet in length, which characteristic makes flowers of this class especially valuable for cut-flower purposes. The plants are of strong growth, often covering a space three feet in diameter.

Seed sown in pots or boxes in March or April, and transplanted to the outdoor bed in May or June. will provide a wealth of bloom in August and September.

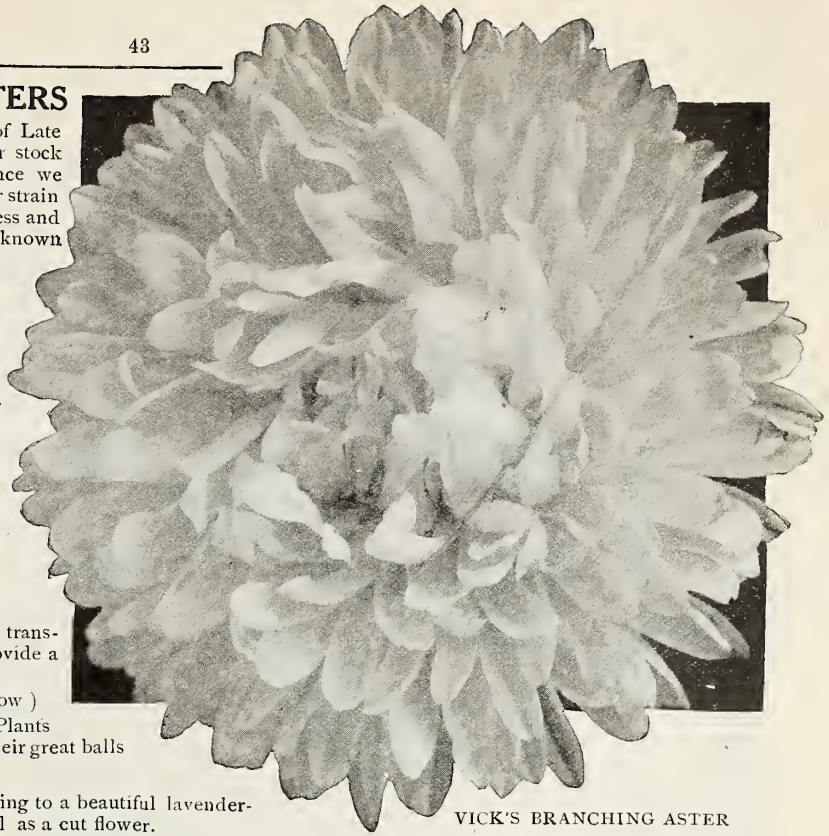
Packet, 15 cents. (See special offer below)

Snow White. The latest of Branching Asters. Plants exceptionally strong and continuing to produce their great balls of white bloom until cold weather comes.

Vick's Lavender-Pink. Opens nearly white, passing to a beautiful lavender-pink, lighter in the center. Lasts particularly well as a cut flower.

Rose. Large plants and big, full double flowers of rich deep rose

Crimson. A rich, glowing color. Our crop this year was truly wonderful, immense ball-shaped flowers on long strong stems.



VICK'S BRANCHING ASTER

Rosy Carmine. Distinct, and beautiful—a bright rosy carmine. A lively brilliant color.

Vick's Lavender. A clear deep lavender. Sometimes called azure blue. A splendid strain of this useful color.

Semple's Lavender. An extremely pale shade of lavender.

Purple. Beautifully formed, full double flowers of rich purple. See illustration in colors on opposite page 48.

Mary Semple, Shell Pink. An exquisite shade of light shell-pink. The large flowers are graceful in form.

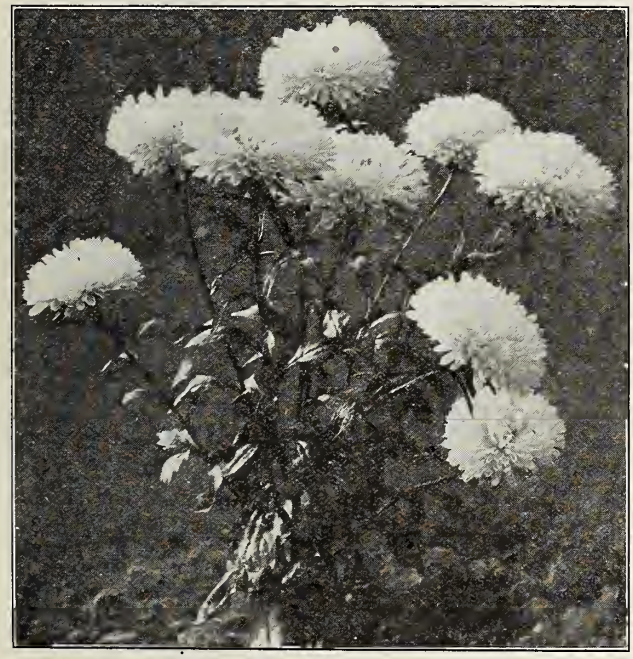
Peerless Pink. Might well be called an "Improved Shell-Pink." It has the same delicate, pleasing shade of pink, and a larger more double flower. Our stock of Peerless Pink this season is far superior to any we have heretofore offered. It is literally "without a peer" in its class and color.

Rosy Red. A very beautiful color of recent introduction. A large full double flower deeper than rose but lighter than Heart of France.

Peach Blossom. A deeper shade of color than Vick's Pink, and vey popular. The large flowers are extremely double.

Dark Violet. An extremely deep, glowing color. A deeper shade than Branching Purple. It has a peculiar velvety finish giving it an appearance of richness that is distinct and striking.

Late Branching Asters. All Colors Mixed. Pkt., 15 cents.



PLANT OF BRANCHING ASTER TAKEN IN THE FIELD.

BRANCHING ASTER COLLECTION

This collection gives a full assortment of the colors found in the Branching Class. These are unsurpassed for cutting; a harmonious color scheme for decorative purposes can easily be selected from these eight varieties.

White, Pink, Peach Blossom, Crimson, Purple, Lavender, Dark Violet and Rose
One packet of each of eight colors . . **75 cents**

Ruthland Vt. Jan. 8, 1924

The Aster seed I bought of you last summer. Lavender, Crimson, Lavender-Pink, Dark Voilet, Shell Pink, Pvrple, White and Rose, were beautiful. They grew as large as saucers. Everyone was wild about them. I have planted your seeds for eight years and never lost a plant. *Mrs. Harriet M. Campion.*

Asters of the Late Branching class are the most popular and include the widest range of colors in Asters.

Vick's Rochester Asters

VICK'S ROCHESTER ASTER

The word "Rochester," whether used in connection with civic undertakings, industrial enterprises or products of whatever nature, has come to be known the world over as typifying the best. And when we gave the name "Rochester" to a class of Asters we were fully aware that we would be held to the high standard that name represented. Nevertheless we gladly assumed that responsibility, for we knew we had a variety of Asters which was the very best of its kind. The plants of Vick's Rochester Asters, like those of the Late Branching variety, are large and strong, with many long branches. Their flowers have, in common with others of the Comet type, petals that are very long and narrow, and gracefully recurved, giving them a lightness and grace that make them the most artistic of all Asters. The immense size of these flowers—they are the largest Asters now in cultivation—their artistic beauty, delicacy of coloring and freedom of bloom, make Vick's Rochester, in our estimation, the superior of any Aster of its class heretofore offered to the public.

VICK'S SHELL-PINK ROCHESTER

After several years experimenting on our Aster Farms we have succeeded in perfecting a new color in the Rochester class, a delicate shade of pink commonly called shell-pink. The flowers, which are large with narrow, very long and graceful petals, are exceedingly beautiful. We offer this charming variety to our customers in complete confidence that it will prove equally as good as the original Lavender-Pink Rochester.

Packet 25 cts.; two for 40 cts.

VICK'S ROSE ROCHESTER

True to the general type of the Rochester Asters, Vick's Rose has large, fluffy, graceful, attractive flowers on long stems. In color they are a beautiful shade of rose. These splendid qualities have won for Vick's Rose Rochester many friends and admirers all over the country.

Packet 25 cents; two for 40 cents.

VICK'S WHITE ROCHESTER

This is another excellent example of the artistic beauty of Rochester Asters. The exquisite white flowers, which are large and fluffy, and borne on long, strong stems, are most attractive, and make Vick's White Rochester a favorite for bouquets or as specimen plants. **Packet 25 cents; two for 40 cents.**

VICK'S CRIMSON ROCHESTER

This is a new and important addition to our class of Rochester Asters especially valuable in widening the range of colors in this important class. Very valuable for decorative purposes either alone or in well chosen selections of other colors. See illustration in color opposite page 48. **Packet, 25 cents; two for 40 cents.**

VICK'S ROCHESTER ASTER MIXTURE

Packet 20 cents; two for 35 cents.

Vick's Lavender-Pink "Rochester"

No flower introduced in recent years has created such a furor as this magnificent Vick's Lavender Pink Aster, "Rochester." Within a year after we first presented it to the public, the Chamber of Commerce of Rochester recommended that it be adopted as the official flower of the city and requested us to rename it "Rochester." **The "Rochester" Aster is today the Premier of the Lavender-Pink Asters.** Like all the flowers of the Comet class, the petals of the "Rochester" are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder, as to make the fluffiest Aster we have ever seen. In color it is a most exquisite shade of lavender-pink, being a happy medium between the color of Vick's Branching Pink and Vick's Daybreak. The plants are unusually vigorous and it is not uncommon to find one with a dozen long, strong, graceful stems, each with a flower from four and a half to six inches in diameter. **Packet 25 cents; two for 40 cents.**

VICK'S ROCHESTER SILVERY ROSE

The very popular Silvery Rose color now offered in the Rochester type. It has the great loose, fluffy blossoms with narrow, curled and twisted petals of the Rochester Asters with the color of deep lilac-rose over-laid with the characteristic delicate silvery sheen of all the Silvery Asters. Seed very scarce this season.

Per pkt., 35 cts.; 2 for 60 cts.

Bowling Green, Ohio. Feb. 11, 1924

Last year your seeds proved very successful in my garden, my display of Asters at the County Fair took first prize. This consisted of different varieties of the Rochester type.

Dr. H. J. Powell

Our Novelty Aster Mixture well deserves the popularity it has gained during the few years we have been offering it

VICK'S Lavender and Purple ROCHESTERS

It is no exaggaration to say that these marvelous Asters are far in advance of any heretofore offered.

Vick's Lavender Rochester and Vick's Purple Rochester are new colors in this splendid type of Aster and they are even larger, more double and more Chrysanthemum-like than the original Pink Rochester.

With proper cultivation the stems are unusually long and strong, and usually without side branches. The illustration on this page fails to show the wonderful thickness of these masses of shaggy petals.

Vick's Lavender Rochester. A clear light lavender color, just the shade in greatest demand by the florists.

Packet, 25 cents; two for 40 cents.

Vick's Purple Rochester. A deep rich purple.

Packet, 25 cents; two for 40 cents.

VICK'S LAVENDER ROCHESTER

CERISE ROCHESTER

This Aster is one of the finest of the newer Rochesters. The color is very distinct and unique, being a beautiful soft glowing shade which flower lovers greatly admire. It is a perfect Rochester type with great shaggy flowers borne on long stems. It's charming color and handsome form make it unexcelled either for outdoor showing or for cut flower displays. The beautiful artistic coloring deepens somewhat with age.

Per packet 25 cents; two for 40 cents.

VICK'S LATE UPRIGHT

A new strain of Asters combining the erect growth of the earlier Uprights with the flowers. The season and the same type of flowers as the Late Branching. The upright habit admits of closer planting.

Vick's Late Upright Peach blossom. A slightly deeper shade than Lavender-Pink. Very beautiful.

Vick's Late Upright Crimson. A deep, rich, glowing color and very large flowers.

Vick's Late Upright Amethyst. The flowers open nearly white, deepening with age to a decided amethyst. A very distinct and pleasing color.

Vick's Late Upright White. A pure white flower with a very full double center, a popular and profitable variety with florists.

Vick's Late Upright Purple. Deep purple flower of a very rich shade. A popular flower.

Above separate colors or mixed, each, packet, 15 cents.

Vick's Late Upright Rosy Red. We consider that the addition of this very important color to our list of varieties is a distinct step in advance and we are very proud to announce the addition of this color which we have had for the last two years in the branching class, now in the important Late Upright Type. We are very certain that florists and amateurs will find this a very pleasing and popular color; flowers are large, well formed, substantial and very full centered. **Per pkt. 20 cts.; 2 for 35 cts.**

MIXED ASTERS

All classes and colors mixed in great variety, 15 cents

Scottsburg, Oregon. March 25 1924.

Have tried many kinds of Asters but yours are without doubt the best of all. *Emma Hedden*

VICK'S MIKADO ASTERS

Packet, 15 cents; two for 25 cents.

Vick's White Mikado, was the forerunner of this beautiful group of Comet Asters. The great shaggy, white flowers are made up of petals that are curled and twisted so that the flowers resemble fine white Chrysanthemums. The flowers are carried on stems of good length. The plants have a spreading habit, similar to that of the Branching Asters. The White Mikado is among the earliest of the mid-season Asters, coming immediately after the extra early varieties.

Vick's Rose Mikado. A deep, brilliant rose color. Like the White Mikado except in color.

Vick's Dark Violet Mikado. A rich, deep purple violet. The flowers are full double, very decorative in character and borne on good, stout stems.

Vick's Shell Pink Mikado. No list of colors is complete without this soft pleasing delicate shade on good strong stems and vigorous flowers.

Mikado Mixed.

AMERICAN COMET or CREGO ASTERS

This splendid strain of Asters have large flowers, with long, narrow, loose petals of the Comet type and grow in a variety of beautiful colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the Late Branching and present a most pleasing spectacle in the garden. **Packet, 15 cents.**

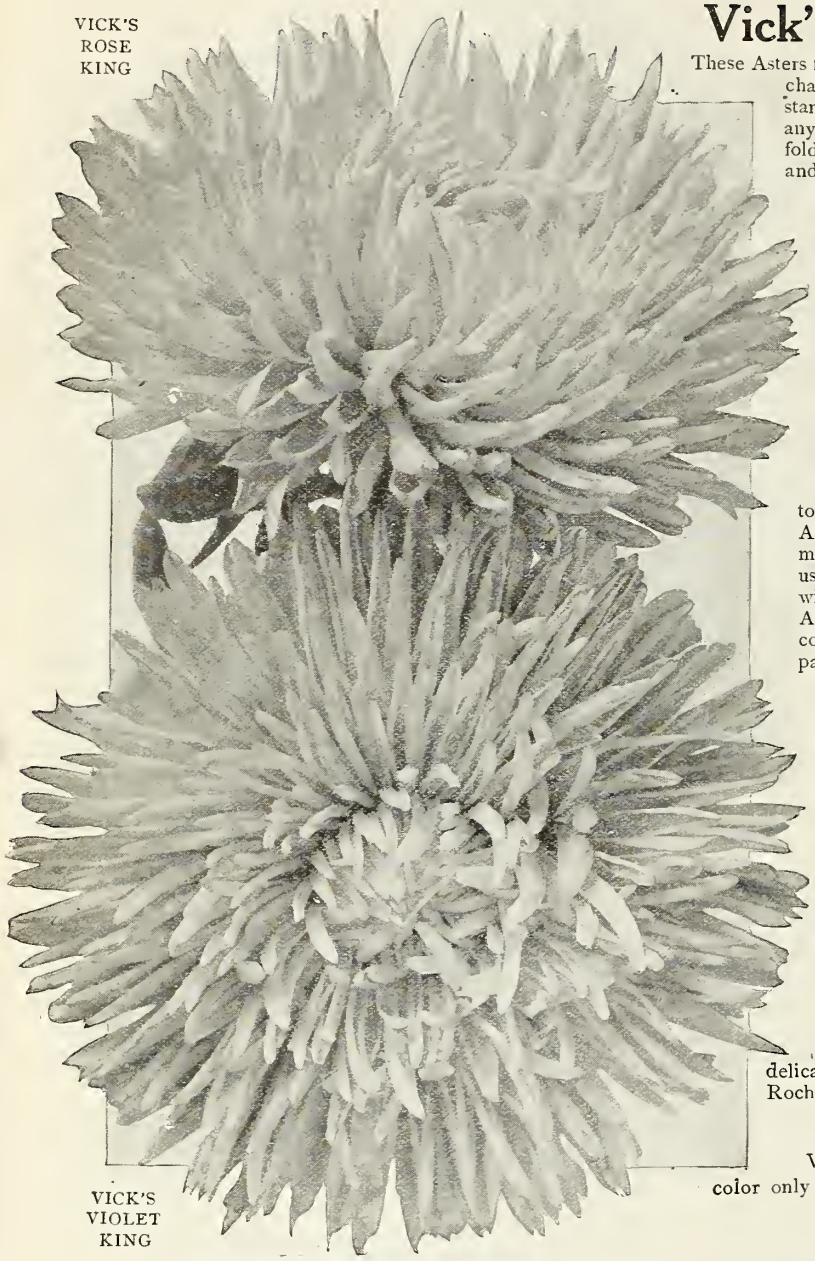
White, Shell-Pink, Rose, Purple, Crimson, Lavender.

One Packet each of the above colors. Six Packets, for 75 cents.

All colors mixed, extra fine, Packet, 15 cents.

The artistic beauty and immense size of Vick's Rochester Asters have won for them universal admiration and praise

VICK'S ROSE KING



VICK'S VIOLET KING

Vick's Famous King Asters

These Asters form a magnificent class distinct from all others in the character of the flower, which is of great size and substance, and lasts longer when cut than those of almost any other variety. The petals are long, narrow, and folded lengthwise, appearing almost as though quilled, and giving the flower a graceful and charming effect. The plants are large and the stems exceptionally strong.

Since 1906 when we introduced the famous Voilet King, the orignal King Aster nearly the entire range of color has been developed in the King type. During the past two or three years especially wonderful strides have been made in improving the King. Our fields of these varities last summer were conspicuous for there strong vigorous growth, large flowers of graceful feathery apperance entirly distinct from every other variety of Aster. You certainly should try some King Asters this year.

VICK'S SHELL PINK KING

The color, a soft pleasing blush pink, is just the shade to increase the popularity of the whole King Class of Asters, just the shade we've needed most, and striven most diligently to secure in the last few years. Whether used separately or with one or more other colors, you will agree that any bouquet in which our Shell Pink Aster is included is gloriously beautiful and artistically complete. See illustration in natural colors opposite page 48 **Pkt. 25 cents; two for 40 cents.**

VICK'S CRIMSON KING

Here is another excellent addition to our King Class. No other color makes a richer, more strikingly handsome appearance than does this new Crimson King. In fact it's about the richest, most brilliant Crimson we've ever seen in Asters. It is similar in every respect to our original type of which Violet King was the first. Illustrated on front cover. **Pkt. 25 c.; two for 40 c.**

VICK'S WHITE KING

Any pure white Aster is deservedly popular, for which reason Vick's White King is rapidly approaching the remarkable record of Violet King in point of sales.

Pkt. 25 cents; two for 40 cents

VICK'S LAVENDER PINK KING

In color the Lavender Pink King is a beautiful and delicate lavender-pink, very much like the now famous "Rochester" Aster. **Packet, 25 cents; two for 40 censt.**

VICK'S ROSE KING

Vick's Rose King is a deep brilliant rose. It differs in color only from its famous parent, Voilet King.

Packet, 25 cents, two for 40 cents.

VICK'S KING ASTERS

All Colors Mixed.
Packet 20 cents; two for 35 cents.

VICK'S VIOLET KING

The immense flowers are a rich violet purple. They are quite thick, with a full center which is usually twisted into a strong "whorl" in the freshly opened flowers. A vase of Violet King Asters is an object not only beautiful, but bold and striking. See illustration in natural colors opposite page 48

Packet, 25 cents; two for 40 cents.

VICK'S LAVENDER KING

The massive flowers of the new Lavender King are of the same thick, fluffy type as those of the White King. The color is a very pleasing shade of deep Lavender.

Pkt, 25 cents; two for 40 cents.

Harrisburg, Ark., April 5, 1924

"Just want to say that Vick's Aster seeds are the finest and quickest to germinate of any that I ever planted or saw. They certainly lead the world for Asters."

Sadie P. Colo.

Walton, Ky., April. 17, 1924.

"My Asters were lovely. I never saw beautiful shades of pinks in the Crego and Comet type. I could have sold more if they had been set out sooner."

Miss Eugenie Layson.

Our King type Asters were especially fine this year enormous feathery blooms with centers completely covered.

Vick's Pink Enchantress

This splendid Aster, introduced by us recently, is highly commended by our customers, and large quantities are grown annually by commercial florists. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular "Pink Enchantress" Carnation. In Asters, the color is between that of Vick' Daybreak and the Semple's Pink Branching and although very delicate, does not fade. In size the flowers are equal to those of the largest Branching Asters. They are made up of broad petals, loosely arranged, and the effect is indescribably soft and pleasing. Nothing could excel in refined beauty a vase of Vick's Pink Enchantress Asters. The plants, of upright type, are tall and strong.

Packet, 20 cents; two for 35 cts.

Marshalltown, Ia. Feb., 11, 1924

I wish you could see the Asters I grew from your seeds. I have never seen larger or more beautiful oner anywhere. We have been a customer of yours for thirty years.

Mrs. D. C. Powers.

VICK'S PINK ENCHANTRESS

VICK'S AUTUMN GLORY

A New, Very Late Branching Aster

Pure sea-shell pink. While similar in color to Semple's Pink, with which most growers are familiar, it has a better and more substantial flower, a deeper and longer keeping color, and larger and stronger type of plant. Its most distinctive characteristic and chief claim for recognition, however, is the fact that it is later in season than any of the other varieties. While it cannot take the place of others of similar color, which are earlier, it supplements them by blooming after the other Late Asters are past their prime, and before the early Chrysanthemums are ready, thus prolonging the Aster season two weeks, and coming at a time when good flowers are extremely scarce. Vick's Autumn Glory will be a money-maker for the commercial grower, and a delight to the amateur. It comes uniformly true to color and type. The flowers are very double and are borne on stems of unusual length. **Packet, 20 cents; two for 35 cents.**

VICK'S ASTER PLANTS

We grow millions of Aster plants every season, but there are so many difficulties connected with shipping them that we strongly urge our customers to raise their own plants from our seed. Plants are not ready for transplanting until about June 1st., a time when the weather is apt to be warm. Although parcel post shipments are in general satisfactory, even one day's delay in transit might be enough to destroy Aster plants, no matter how carefully wrapped, confined in a mail sack with hundreds of other packages. Then even should they arrive in the best of condition, the weather on that particular day might not be favorable for setting them out. Therefore we feel sure we are acting for the best interests of our friends in urging them to buy seed instead of taking chances with plants.

VICK'S TRIUMPH COMET

A magnificent new class of mid-season Asters with extra long stems and large, fluffy, full, double flowers of the finest type. Splendid Mikado or Rochester flowers on tall, upright plants, blooming early in the season. In comparing Vick's Triumph Comet Asters with other upright Comet Asters as they are grown on our farms, under as favorable conditions as our Asters ever receive, we find that the plants of Vick's Triumph Comet are taller, the stems longer and the flowers more double than those of other varieties of the same class.

We offer Triumph Comet Asters in these colors: White, Purple, Shell Pink, Rose, Lavender.

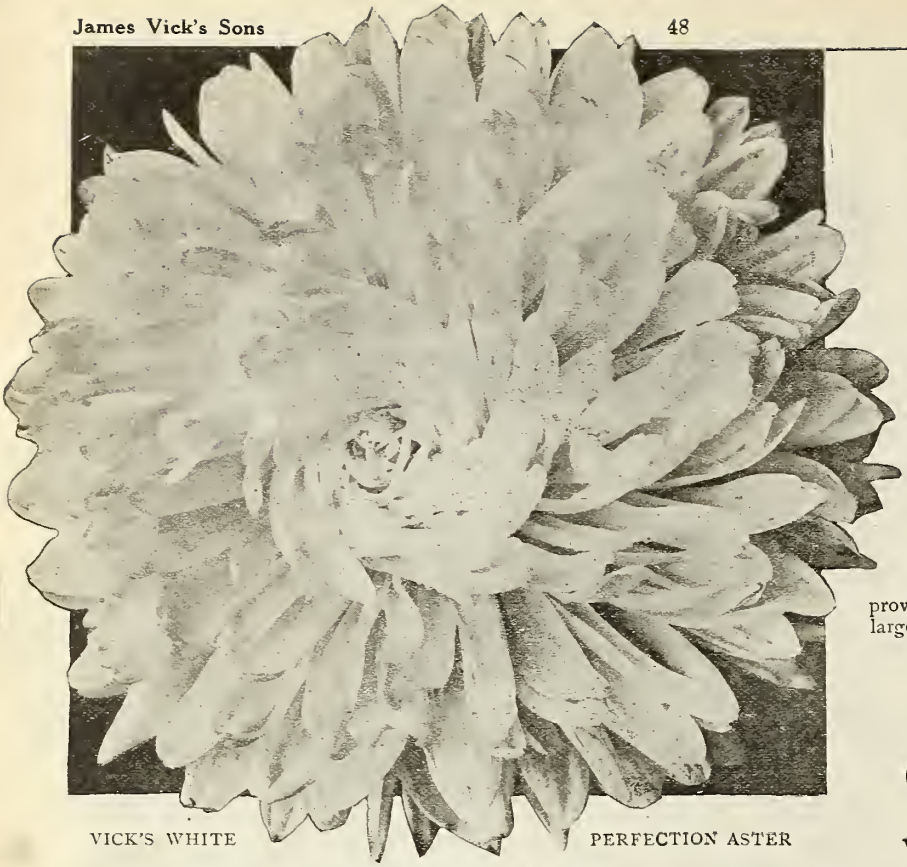
Packet, 15 cents; two packets, 25 cents. Vick's Triumph Collection of the five colors, five packets, 65 cents. Triumph Comet, mixed colors packet, 15 cents.

Meriden, Conn., December 1, 1924

I sent to you for Aster seed last spring and I had the most beautiful Asters I ever had. The white ones were like large white Chrysanthemums. They were lovely and I was very much pleased with them.

Mrs. George E. Daunton.

Prizes were awarded at many of the leading fairs throughout the country to Vick's Asters grown by our customers



VICK'S WHITE PERFECTION ASTER

VICK'S PERFECTION ASTERS

One of the most popular classes of Asters. The plants are upright oi erect in habit and tall and vigorous. The flower petals are incurved like those of Peonies, usually with a "whorl" in the center.

White We consider this the finest mid-season White Aster in cultivation. Grown under ordinary farm conditions, the flowers averaged four inches in diameter. They are exquisite in form; the broad petals are slightly folded lengthwise, making them appear rather narrow. When first opened the entire flower is strongly whorled, producing a charming effect.
Packet. 20 cents, 2 for 35 cents.

Shell Plnk Like all Asters in the perfection class the Shell Pink Perfection makes a tall, slender growth. The large, very double flowers are borne on stems of great length, making them especially valuable foi bouquets. The color is a beautiful shell pink. **Packet. 20 cents, 2 for 35 cents.**

Rose. The flowers of the Rose Perfection are a deep, bright rose color. They are of the same strongly whorled, incurved type as those of the Blush and Shell Pink Perfection; there is a decidedly pronounced twist to the petals. The plants have the same tall, slender, long-stemmed habit, of the other Perfections.
Packet, 20 cents; two for 35 cents.

Crimson This beautiful Aster has attracted the attention of everyone who has seen it. The flower is of very fine form, large and strongly whorled, and borne on long stout stems. Plants are vigorous, and the foliage of an unusually fine color.
Packet, 20 cents; two for 35 cents.

Purple. The flowers of the Purple Perfection are, like those of the other members of this class of Asters, large, and borne on tall, strong stems. In color, they are a rich purple, which places them among the most desirable of the Perfection type.
Packet, 20 cents; two for 35 cents.

VICK'S CARDINAL

One of the best varieties for borders or beds. It has a very long season of bloom. The buds are a rosy carmine; the fully open flowers, which develop quite slowly, are a brilliant glowing cardinal, gradually fading to a deep crimson. The whole plant has a dark, rich color; even the dry and withered flowers retain so much color that the plant does not become unsightly. In the new strain of Cardinal now offered the middle of the flower is filled with long quill-like florets, so that it never shows a yellow center.
Packet, 20 cents ; two for 35 cents.

VICK'S NOVELTY ASTER MIXTURE

The seed of this mixture has been saved from plants grown on our experimental grounds where the fascinating work of improving old varieties and developing new ones is carried on. This mixture will prove a great deal of interest and will produce a large variety of beautiful flowers-
Packet, 20 cents; two for 35 cents.

Asters Pictured On Opposite Page

VOILET KING

The orignal King type Asters. It has made thousands of friends everywhere. The Asters of this type have been improved very much the past year or two and form quite thick blossoms with full centers which are quite uniformly twisted in the center into a strong whorl especially in the freshly opened flowers. The color is a rich purplish violet. Very bold and striking. **Per pkt., 25c., 2 for 40c.**

CRIMSON ROCHESTER

A comparatively new addition to the very popular Rochester class of Asters. The color is a very popular one ane the type of flower is a perfect Rochester with a mass of curled and twisted petals and blooms of immense size. **Per packet 25c., 2 for 40c.**
Other colors of Rochester Asters are shown on pages 44-45

SHELL PINK KING

A veay soft pleasing blush pink, especially handsome in the graceful King type of flower. The petals like those of all the King type are long, narrow and folded lei thwise, giving the flower a very feathery, charming appearance. **Per packet 25 cts., 2 for 40 cts.**
Other colors of the King class Asters are shown on page 46

BLACK KNIGHT

The darkest Aster yet produced, There is a delicate sheen of deep red which prevents the flower from being a dead black, thus giving it a rich velvety beauty and enhance its usefulness and value. It harmonizes beautifully with flowers of almost any color or combination of colors. It wins instant admiration either alone, in bouquets or in garden planting, in combination with other colors.
Per packet 50 cents; 2 for 75 cents.

LATE BRANCHING PURPLE

One of the most useful of the Late Branhing Asters which are by far the most popular type ever introduced. Late Branching Purple flowers are beautifully formed, full double with centers completely covered with a rich shade of purple. **Per packet 15 cents.**
Other late Branching Asters are on page 43

We have specialized in Asters longer and have introduced more new distinct varieties than any other American Seedsman

VICK'S
VIOLET KING
ASTER
Pkt. 25c—2 for 40c
VICK'S ROCHESTER
CRIMSON ASTER
Packet 25c—2 for 40c
VICK'S
SHELL PINK
KING
Packet 25c
2 for 40c
VICK'S
BLACK KNIGHT ASTER
Packet 50c—2 for 75c
VICK'S
LATE
BRANCHING
PURPLE
Pkt. 15c

Three of the most popular ASTERS *ever introduced!*

Vick's Peerless Yellow

By far the most satisfactory yellow Aster yet produced. The flowers are large, remarkably full and ball shaped, with centers so deeply covered with curled and twisted florets, that the variety is almost a record-breaker in scarcity of producing seed. Every flower will come a beautiful, true light yellow. The plants are of branching type and very vigorous. So numerous and large are the flowers, that the plants are completely covered like a golden dome. *Packet 50 cents*

Heart of France

The best pure red Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full with never a trace of hollow center. *Packet 20 cents, 2 for 35c*

Vick's Silvery Pink

This exquisitely beautiful flower derives its distinction from its delicate silvery sheen which overlays the predominating color. Each petal has actually the same color from base to tip, but massed in the enormous double blooms the heart of each flower of Vick's Silvery Pink appears a warm glowing pink, while, as the light reflects upon them, the tips of the petals have a silvery sheen which makes them appear almost white, the whole effect of which is indescribably beautiful. The flowers are held aloft on long strong stems. Large vigorous, freely branching plants. *Packet 20c, 2 for 35c*

AFRICAN DAISY

CANDYTUFT (See page 68 for hardy varieties)

Candytuft has long been among the most highly prized of garden annuals. The best effect is produced by raising the plants in masses, the seeds being sown where the plants are to bloom. Sow in rows six to eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich. When blooming time comes keep the plants well watered.

Purple, White Rocket, Carmine,, Lavender, Flesh, Extra Dark	Pkt
Crimson. Each Color, ¼ ounce 15 cents; ounce, 50 cents. . .	10
Mixed colors of above Six Varieties. Ounce, 40 cents . . .	5
Empress. A pure white variety, of large size, and the finest in cultivation. Strong, free grower, producing large trusses of flowers, on candelabra-formed branches; individual flowers of large size. After devoting several years to selecting and saving seed from only the most perfect flowers, we have succeeded in procuring an extra fine strain of this grand variety. ¼ ounce, 25 cents; ounce, 60 cents.	10
Pinnata. (Odorata, sweet-scented.) Compact plants with fine feathery foliage and pure white flowers. Splendid for edging. Retains a neat appearance throughout the season. ½ ounce, 25 cents; ounce, 40 cents	15

EMPRESS CANDYTUFT

AFRICAN DAISY

New Hybrids. The blooms of these New Hybrids of the Golden Orange African Daisy, Dimorphotheca aurantiaca, comprise a wonderful variety of beautiful and delicate shades of color, ranging from pure white through pale salmon and primrose tones to deepest orange. The flowers are very graceful and are produced in the greatest profusion all summer. A bed of the New Hybrid African Daisy makes a continuous and charming display of color. . . . . Pkt 10

CALENDULA or Pot Marigold

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable for pot culture, blooming in the winter and early spring. One foot high.

	Pkt
Double Sulphur. Flowers large and double. Color light lemon-yellow	10
Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow	10
Orange Giant. The finest large-flowered orange. Very double . . .	10
Mixed Varieties. ½ Ounce, 20 cents; Ounce, 35 cents	5

CALENDULAS

CALIFORNIA POPPY—Eschscholtzia

The brilliant **Eschscholtzia** is California's chosen State Flower. The plants grow to about a foot in height; the leaves are of a grayish green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds should be sown where the plants are to bloom.

	Pkt.
Mikado. Brilliant orange scarlet	10
Golden West. A beautiful variety; color light orange-yellow . . .	10
Rose Cardinal. Outside of flower carmine, inside nearly white	10
Single Varieties, Orange, Yellow and White, each	10
Double Varieties, Orange and White, each	10
Single Varieties Mixed, oz., 50 cents; ¼ oz., 20 cents, ...	10
Double Varieties Mixed	10

For general list of Poppies, See page 59.

CYPRESS VINE

Ipomœa Quamoclit. One of the most graceful and beautiful of garden vines. Its scarlet or white flowers are produced in profusion, and its exquisite finely-cut foliage is well adapted to ornamental work. In rich soil it attains a height of ten feet.

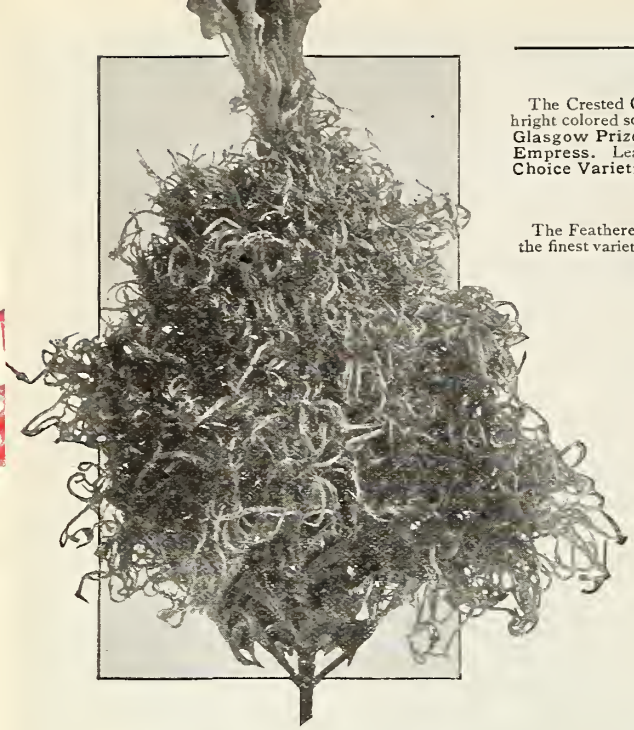
	Pkt.
White and Scarlet, each	10
Mixed, ounce, 50 cents; ¼ ounce, 20 cents	5

CLARKIA

This hardy easily grown annual is very popular in Europe and is becoming better known here. The flowers of various shades of red, pink and white are borne on leafy racemes on plants 2 ft. high.

Single mixed, pkt., 10 cts. Double mixed, pkt., 10 cts.

The new Ball Calendula, the newest and most improved form of this popular flower appears on page 3.



NEW CELOSIA GAY CAVALIER

CELOSIA CRISTATA, (Cockscomb)

The Crested Celosia or Cockscombs are interesting and brilliant and very easily grown. They form bright colored solid heads of large size. Excellent for border or pot plants.

Glasgow Prize. Large dark crimson comb, green foliage. 10
Empress. Leaves dark maroon; heads crimson. Fine 10
Choice Varieties Mixed. Brilliant colors 5

CELOSIA PLUMOSA, (Feathered)

The Feathered Celosias beautiful feathery plumes of great size and various forms. The following include the finest varieties we have ever seen.

Pride of Castle Gould. The new **Ostrich Plume Celosia.** An entirely distinct type of the Feathered Celosia. Pyramidal compact growth of from two to three feet. covered with immense extra fine feathered heads, a most striking and unique appearance. Several brilliant colors 15
Golden Plume. Bright golden, feathered 10
Superba plumosa. Superb feathered, bright crimson 10
Thompson's Superb Crimson Feathered. Splendid. One of the best. 10
Mixed Colors Brilliant feathered varieties. 5

CHINESE WOOL-FLOWER

A unique type of Celosia Plumosa. Plants grow two to three feet high and throw out scores of branches bearing beautiful ball-shaped flower heads, somewhat resembling balls of deep crimson-scarlet wool

Packet 15 cents.

NEW CELOSIA GAY CAVALIER

Celosia Plumosa Cristata. Gay Cavalier is a new remarkably beautiful variety of Feathered Celosia which is also crested or crowned with numerous small cockscombs of varied and fantstic shapes. The plumes are as gracefully airy and fluffy as the finest ostrich plumes and are of various shades of silvery pink, silvery salmon. deep red, gold and orange.

Per packet 20 cents; two for 35 cents.

CENTAUREAS

Under this heading we list the popular Bachelor's Button, Basket Flower, Sweet Sultan and Dusty Miller. All are annuals or half-hardy perennials, fine for vases, baskets and pots—for bedding, borders and edgings.

Centaurea Cyanus
Bachelor's Button, Corn Flower, Ragged Sailor, etc.

One of our best known hardy annuals. Blooms freely and is easily grown. Eighteen inches to two feet high. Splendid in a hardy border and for vases. Pkt.
Double Blue, Finest of the Corn Flowers. Full double flowers of deep blue. ¼ oz.. 50 cts. 10
Emperor William. Fine Dark blue. Ounce 75 cents 10
Pure White. 10
Mixed Colors. ¼ ounce, 20 cents; ounce, 60 cents 5

Centaurea Americana

Basket Flower. Grows three to five feet, bearing immense, thistle-like blooms of rosy-lavender color on long stems. Handsome in the garden or as a cut flower. 10

Centaurea Imperialis
Sweet Sultan

These mammoth varieties are great improvements on the old Sweet Sultans. Easily and successfully cultivated everywhere. The flowers are two to four inches across, of graceful form, and of the sweetest fragrance. Being on long, stiff stems, they are admirably adapted for cutting, keeping a long time. Bloom continuously until late autumn. Plants grow two to four feet high. Pkt.
Odorata. Light blue 10
Marguerite. Pure satin white. 10
Suaveolens (Yellow Sweet Sultan). Large fragrant flowers produced all summer. Fine for cutting. Two feet high 10
Mixed Colors, including many shades. Oz., $1.00; ¼ oz., 30 cts. . . . 10

CENTAUREA SILVER LEAF
Dusty Miller

Low growing white-leaved perennial varieties, used for ornamental bedding, edging, vases, etc. Grows 12 to 15 inches high. Pkt.
Candidissima. Leaves silvery-white, much divided. 10
Gymnocarpa. Leaves silver-gray, finely divided 10

CHRYSANTHEMUMS

For plants see page 83.

The Annual Chrysanthemums present a varied array of showy, attractive flowers. They are free-blooming, easily-grown, excellent for cut flowers.

SINGLE FLOWERED Pkt.
Golden Feather, Carinatum, Tricolor. Foliage striking yellow. Flowers yellow, with crimson ring near center 10
Frutescens. Paris Daisy or Marguerite. Large white flowers 10
Single Varieties mixed 5

DOUBLE FLOWERED
Bridal Rohe. Double pure white flowers . . . 10
Coronarium. Double white 10
" Double yellow 10
Double Varieties mixed 5

DATURA

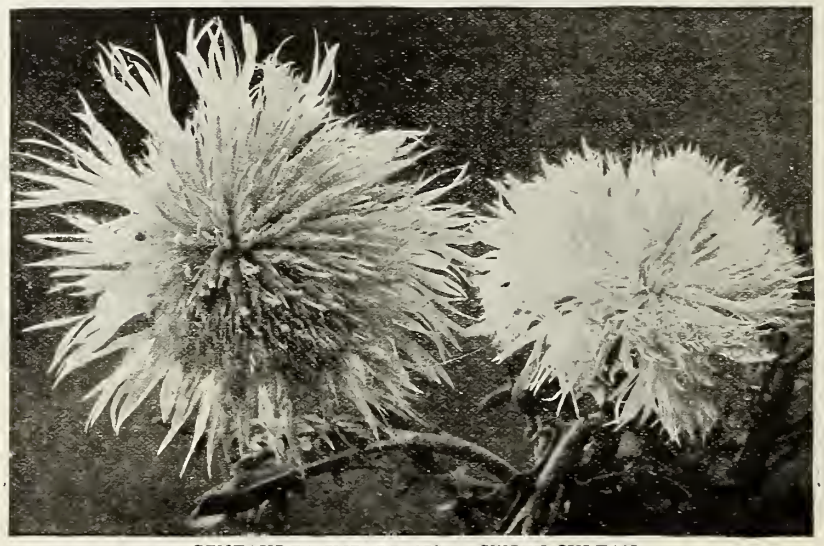
Large, strong-growing plants, with large, trumpet-shaped flowers. Roots can he preserved in the cellar like Dahlias. Three to six feet in height, Pkt.
Wrightii. The best single variety, white tinged with lilac, sweet-scented. 10
Double Varieties Mixed . . 5
Cornucopia, Outer trumpet purple, inner trumpet white 10

DAHLIA (For Bulbs see page 84)

Pkt.
Choicest Double varieties mixed 10
Finest Single varieties mixed 10

GLADIOLUS (For Bulbs see page 85)

Mixed from Choice Named Varieties 10



CENTAUREA IMPERIALIS OR SWEET SULTAN

The flowers of Centaurea Americana are strikingly beautiful and always attract attention at Flower Shows

Vick's Early-Flowering Giant Cosmos

One of our specialties.

This well-known, popular annual has earned an enviable place in the flower world because it bears its large, beautiful flowers in late summer and autumn when other flowers are scarce. We are especially proud of our Early-Flowering Giant Cosmos, a new strain developed on our farm, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plant will be covered with a mass of large, beautiful flowers, and will continue to bloom until frosts come in the fall. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds, and come in various shades from pure white to purplish pink. Unsurpassed for cutting. See picture of field on page 38

Pkt.

Separate colors, Extra Early-Flowering, White, Pink, Crimson each 10

Mixed colors, Extra Early-Flowering, ¼ ounce, 30 cents. 10

Cosmos Collection of 3 packets of Extra Early-Flowering, one each of white, pink and crimson 25

Giant Pink Lady Lenox. A new variety. Flowers much larger, with wide, overlapping petals, making a perfectly full circular flower. Extra long stems and splendid for cutting. Color a deep rosy pink. ¼ oz., 40 cents; Pkt. 10

Giant White Lady Lenox. Same as above with white flower. ¼ oz., 40 cents . . . . . Pkt. 10

Mammoth Perfection. A vast improvement over the old sort; flowers double the size, the petals being broader and over-lapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, keeping several days in water, and lasting out doors until cut down by frosts.

Pkt.

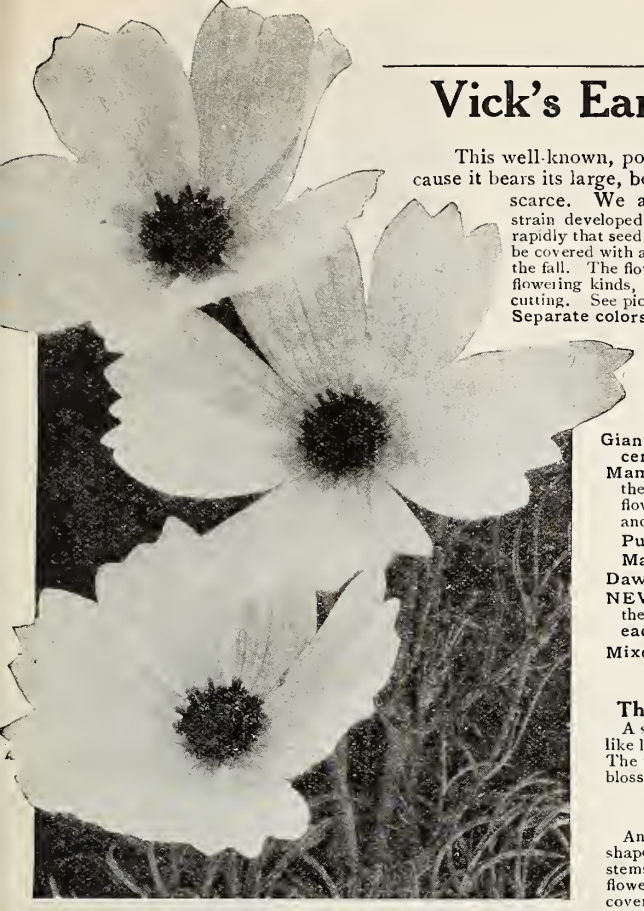
Pure white, Pink, Crimson, each, ¼ oz., 20 cents 10

Mammoth Perfection Mixed, ¼ oz., 20 cents 10

Dawn. Early-flowering. Flowers good size; white, tinged rose. 10

NEW CRESTED COSMOS. Bears large double flowers, but otherwise resembles the single flowering variety. **White Queen, Crimson King, Pink Beauty,** each 20

Mixed Colors. Early crested varieties. 15



VICK'S EARLY-FLOWERING COSMOS

CARDINAL CLIMBER

The Most Beautiful and Brilliant Annual Climber Ever Sent Out

A strong, rapid grower, attaining a height of thirty feet or more, with beautiful fern-like lacinated foliage, covered with fiery cardinal-red flowers from midsummer till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of five to seven blossoms each. It delights in a warm, sunny situation and good soil. . . . Pkt. 15

COBOEA SCANDENS

Another beautiful annual climber, of rapid growth, with fine foliage; flowers bell-shaped, almost one and one-half inches across and two inches long. In good soil the stems often grow twenty to thirty feet long and cover a large surface. Plants begin flowering when quite young. Put the seed in barely moist earth, *edge* down, and barely cover with light soil. Do not water until the plants appear, unless the soil is very dry.

Purple. . . . . . Pkt 10

DIANTHUS—Garden Pinks

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. The plants are from twelve to fifteen inches in height. Seed can be sown under glass in the spring, or in an open, sheltered bed. The plants are easily transplanted, and should be set from eight to twelve inches apart. Blooms the first summer, and also the second, if the flowers are freely picked, and the plants are protected in the winter

DOUBLE GARDEN PINKS

Pkt.

Chinese or Indian. Blooms in clusters. Flowers double. Best mixed. 10

Diadem. Dazzling colors with distinct black markings. Beautiful variety. 10

Fringed. Deeply fringed. Magnificent large flowers in rich colors . . 10

Heddewigii. Beautiful large flowers in rich color patterns. Fringed . . 10

Imperial. The large double flowers distinctly marked. Choice colors . 10

Mourning Cloak. Very dark velvety crimson bordered with white . . 10

White. Large double flowers. 10

Double Varieties Mixed, ¼ oz., 30 cents 5

SINGLE GARDEN PINKS

The rich markings show more plainly than in the double flowers.

Fringed. The deep fringing gives an effect of richness and elegance . . 10

Heddewigii. Large flowers in a variety of brilliant colors 10

Single Mixed Annual Varieties, ¼ oz., 30 cents 5

Carnation Pinks (For Plants see page 87)

The various kinds of Carnation Pinks are all closely related to the greenhouse varieties of Carnations. All are deliciously fragrant, and all have the same narrow, grass-like foliage. All are hardy or half hardy perennials. Finest of the Dianthus group.

Pkt.

Marguerite. Like the winter blooming Carnations, but bloom the first year from seed. A great variety of beautiful shades and fragrant double flowers. Seeds should be sown inside to give longer season of bloom. Plants can be taken up in pots for winter blooming.

Pure White, Yellow, and Mixed Colors, each 10

Giant Flowering Marguerite. An extra large-flowering strain of Marguerites. Stronger plants and equally early. **Mixed Colors** 15

Dianthus plumarius. Pheasant's Eye, Grass Pink, or June Pink. Fine for massing. Closely related to the Carnation but smaller flowers and more hardy. Flowers beautiful and fragrant.

Single Mixed, one-quarter ounce, 25 cents 10

Double Mixed. (Grass Pink, or June Pink) 10

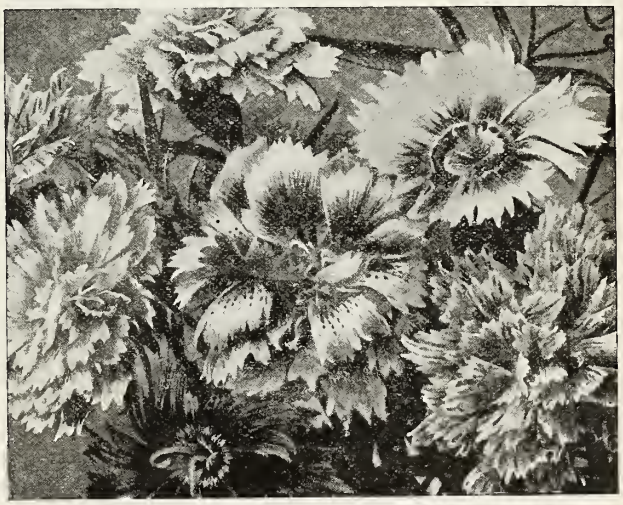
Cyclops Pinks. Scotch Pink. Very hardy. Beautiful single flowers Pkt. with large eye of velvety blood red. Has a sweet clove-like perfume. . . 10

Semperflorens. Florists' Perpetual Pink. Very sweet-scented, double and single flowers. Great diversity of colors. 25

Early Dwarf Vienna. Beautiful double Carnations with delightful clove fragrance, blooming profusely early the second summer. It is better to renew the plants each year. **Mixed** 15

Grenadin. Early dwarf variety with double bright scarlet flowers . . . 25

Extra Choice Everblooming. Double flowers in a great variety of colors. Extra fine. 20



SINGLE AND DOUBLE GARDEN PINKS

Vick's Extra Early-Flowering Cosmos is one of the most beautiful, showy and desirable annual plants for the flower garden

DELPHINIUM or LARKSPUR, Annual

(For perennials see pages 68 and 72)

These beautiful annuals bloom very freely and produce large spikes of long-keeping flowers, white, pink, rose, light blue, dark blue, and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations. They prefer a cool soil and season. Sow seed in fall, or early in spring. The branching varieties grow two feet high, and should stand eighteen inches apart. The Rockets should be thinned to five or six inches apart.

	Pkt
Double Dwarf Rocket. One foot in height. **Mixed Colors.** ½ oz., 25 cts.; oz., 40 cts.	10
Double Tall Rocket. Large plant; very showy. Two feet high. **Mixed Colors.** ½ oz., 30 cts. oz., 50 cts.	10
Stock-Flowered. Double. Branching. Fine for cutting. Two feet high. **Mixed Colors**	10
Emperor. Our own special strain grown and developed on our own farms. Of compact form. A brilliant assortment of colors. Two feet high. **Mixed Colors.** ¼ oz., 25 cts.; ½ oz., 40 cts.	10

GAILLARDIA, Annual

(See also pages 69 and 73)

The Annual Gaillardia combines the grace and beauty of the Perennial Blanket Flower in Picta, with Aura Bicolor a beautiful cluster or head of rich brown tubular flowers tipped with gold, two to three inches across, fine for cutting and last long in water. Set plants 12 inches apart. Half Hardy 18 to 20 inches high.

	Pkt.
Picta Lorenziana. Fine double. Flowers two inches in diameter. ¼ ounce, 45 cents	15
Mixed Single Annual Varieties. ¼ ounce, 25 cents	10

HELIOTROPE

This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. Seed sown early in the spring in the house will make fine plants for summer bedding.

New Hybrids. A splendid strain of giant flowering. **Choicest Mixed Colors** . . . . . Pkt. 10

HUNNEMANNIA, Tulip Poppy

Hunnemannia fumariæfolia, Giant Yellow Tulip Poppy. This very beautiful plant forms a shrubby bush two feet in height, with finely-cut foliage, similar to that of the California Poppy and produces large tulip-shaped flowers on long stiff stems, from August to November. The color is a clear, brilliant yellow, the petals resembling crushed satin. The flowers will keep in water for several days. Sow seed early in the spring, in shallow drills where the plants are to bloom . Pkt 10

IPOMOEA, Moon Flower

(For plants see page 89)

The Ipomœas are climbers of rapid growth. If planted in rich soil in a sunny location and given plenty of water will grow to a height of 6 to 7 feet during a single summer, and will bear immense fragrant flowers of glistening white 7 to 8 inches across. The flowers open at sunset and close the next morning. To hasten germination soak seed in warm water a few hours.

	Pkt.
Bona Nox, Good Night or Evening Glory, Moon Flower. Flowers large, white. ¼ oz., 20c.	10
Giant Pink Hybrid. The soft lilac-pink flowers are produced abundantly all summer and fall.	10

For other varieties of Ipomœa, see Cypress Vine p. 49, Morning Glory p. 54, Cardinal Climber p. 51.

HYACINTH BEANS or Dolichos

Dolichos lablab. This really beautiful climbing plant is of quick growth; the foliage is handsome, and the clustered spikes of purple flowers are borne in great profusion. The shining purple seed-pods are also very ornamental. Tender annual, growing six to eight feet. Seed should be sown where plants are desired, in as warm and dry a spot as possible. ½ oz., 25 cts . . Pkt. 10

New Japan. A new and beautiful variety, with large, pure white flowers and waxy white seed-pods. Grows eight to ten feet . . . . . Pkt 10

Mixed . . . . . Pkt 10

ORNAMENTAL GOURDS

LARKSPUR—DELPHINIUM

EUPHORBIA

Strong-growing very ornamental foliage plants of easy culture, suitable for beds of tall plants or mixed borders. 2 to 3 feet.

	Pkt.
Variegata - Snow on the Mountain. Very showy foliage of green bordered with white. Topmost leaves almost entirely white.	10 cts.
Heterophylla - Fire on the Mountain. Sometimes called Annual Poinsettia because of the cluster of vivid red leaves that appear at the ends of each branch. The rest of the foliage is dark glossy green. . . .	15 cts.

GODETIA

Showing garden annuals of compact growth about 1 foot high with numerous bright flowers of various shades of pink and white, scarlet and lavender that glisten in the sunlight like satin. **Finest mixed varieties Pkt. 10 cts.**

GOURDS

The Gourds are prized for their rapid growth and their odd-shaped and highly colored fruits. They are useful for covering arbors, old fences, stumps, etc. The fruits, when allowed to ripen, can be kept for years.

	Pkt.
African Pipe Gourd. The fruit of this Gourd is used in making the pipes now so popular on account of their lightness and coloring qualities	10
Dish-rag, or Sponge. (Chinese Luffa.) When ripe the inside resembles fibrous cloth, which can be used as a sponge	10
Balsam Pear has ornamental foliage. When ripe the golden yellow fruit opens, displaying the carmine interior	10
Calabash. The old-fashioned dipper gourd	10
Knob Kerrie. A very popular and ornamental variety that bears a long, slender-stemmed fruit with a ball-like knob on its end. Green, changing to mottled yellow.	10
Nest Egg. White, perfect egg shape	10
Wild Cucumber. Echinocystis lobata. A fast-growing climber running 30 feet in season. White fragrant flowers, prickly seed pods.	10
Hercules' Club. Strong-growing climber bearing fruit of great length.	10
Mixed Varieties. Contains a great variety of curious forms in addition to the kinds named above.	5

GYPSOPHILA

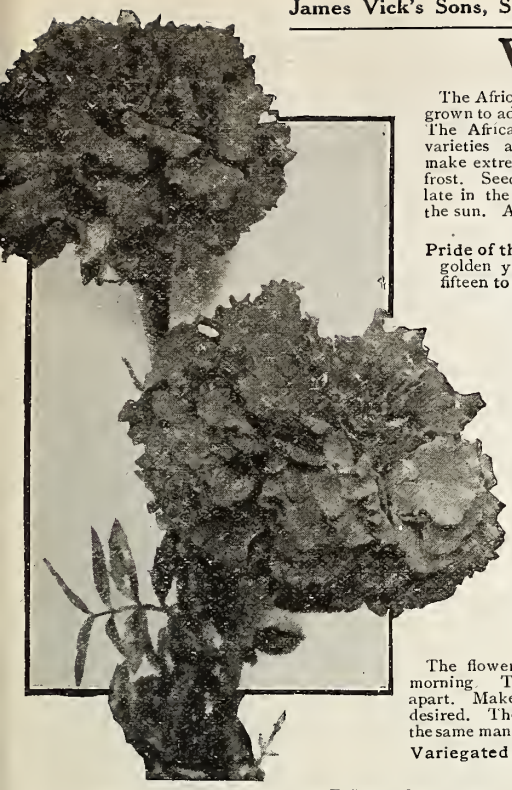
(For Perennials see pages 69 and 73.)

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of masses of other flowers, and are especially useful with Sweet Peas and other flowers that cannot readily be cut with their own foliage.

Elegans. Beautiful, hardy annual. Blooms profusely. Flowers white, pink and rose mixed. ¼ ounce, 20 cents . . . . . Pkt 10

Make your garden beautiful and useful throughout entire year by proper selection of early and late varieties.

VICK'S MARIGOLDS (TAGETES)



AFRICAN MARIGOLD—PRIDE OF THE GARDEN

The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps, with other plants, in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat compact plants, and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. ¼ ounce, 50 cents . . . . . Pkt 10

Prince of Orange. Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia; golden yellow. Plants 3 feet high. ¼oz., 50 cts . . Pkt 10

Lemon Queen. Large lemon-colored flowers, fine for cutting. . . . . Pkt 10

Mixed Varieties. ¼ Ounce 25 cents . . . . . Pkt 5

FRENCH MARIGOLDS

Gold Margin. Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. ¼ ounce, 35 cents . . . . . Pkt 10

Dwarf Gold Striped. Double rich brown, striped golden yellow, ¼ oz. 35 cents. . Pkt. 10

Dwarf Marigold Little Brownie or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon . . . Pkt 10

Signata pumila. Sunshine Marigold. One of the most beautiful plants for fall color, about eighteen inches high, very bushy habit, and each slender branch, which press close to the main stem, crowned by a delicate golden flower with orange center forming a dense globular mass. Charming in a border or alone. ¼ ounce, 50 cents . . . . . Pkt. 10

Dwarf Double Varieties Mixed. ¼ ounce, 25 cents . . . . . Pkt 5

Tall Varieties Mixed. ¼ ounce, 20 cents . . . . . Pkt 5

FOUR O'CLOCK or MARVEL OF PERU

The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. **Marvel of Peru. Mixed Colors.** ½ Oz. 20 cts . . . . . Pkt. 5

Variegated Foliage. Flowers of a variety of colors . . . . . Pkt. 10

ICE PLANT

Mesembryanthemum crystallinum. A most interesting plant, with delicate, succulent almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work and rockeries. Prized for its singular foliage, which looks as though covered with particles of ice . . . . . Pkt 10

JAPANESE HOP

A splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is much more dense. Seed sown in the open ground in spring will produce large plants in a short time Withstands heat, drought, and insects.

Japanese Hop . . . . . Pkt 10

Variegated Japanese Hop. Leaves green and white variegated . Pkt 10

LINUM or FLAX

Scarlet Flax. Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual. Grows 1½ to 2 feet high. . . . . Pkt 10

Perennial Varieties Mixed . . . . . Pkt 5

LOBELIA (See also page 69 and 73)

Exceedingly useful plants for edging flower beds, their free-blooming qualities and brilliant shades of blue and white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are splendid for hanging baskets, pot culture, etc. All are annuals except Lobelia cardinalis, which is a hardy perennial.

Cardinalis. Perennial; Native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started indoors. The flowers are said to be the most brilliant scarlet tint that occurs in nature. 15

Barnard's Perpetual. Flowers a brilliant blue, white eye 10

Crystal Palace compacta. Dark blue. For borders and bedding . . . 10

Emperor William. Light blue; compact; very fine 10

Erinus (gracilis). Blue. Fine for baskets or trailing purposes 10

Mixed Varieties, for baskets, etc., ... 5

NICOTIANA

Affinis. One of the best Nicotianas we have ever grown. The plant attains the height of three feet, and is covered with deliciously-scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. ¼ ounce, 35 cents 10

Sanderæ. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. 10

MAURANDYA

Graceful, free-blooming climbers, six to ten feet tall. For outdoor culture, also useful for baskets, vases, etc.

Finest mixture of white, rose, purple and blue. . . . . . Pkt. 10

KOCHIA, (Summer Cypress)

Tricophylla. A very attractive and popular foliage or hedge plant. It grows about three feet high, with many slender branches pressed close to the main stem, and resembles a small, closely-sheared evergreen, the slender foliage being a delicate light green. In September, the whole plant becomes a solid mass of crimson thereby earning the name Firebush. ½ oz., 25c. Pkt. 10

Christmas Kochia, New. The finest and most improved form of Kochia yet produced, with feathery drooping foliage of delicate green and of wonderfully symmetrical form, far superior to older types. . . . . Pkt. 15

CHRISTMAS KOCHIA GROWING FOR SEED ON OUR ORCHARD FARM

Kochia makes a very attractive hedge, a beautiful delicate green all summer changing in the fall to a blaze of red

MIGNONETTE

MIGNONETTE—MACHET PERFECTION

BY its sweet yet delicate odor the Mignonette has, for many years, endeared itself to every true lover of flowers. Fragrant as the violet, constantly in bloom, and easily grown, the modest Mignonette is found not only in the greenhouse of the millionaire, but in many a lowly garden and window box. Seed sown early in the garden will give flowers all through the summer and fall. The finest spikes of bloom are produced during cool, moist weather. For winter blooming, seed is usually sown in pots and brought on in succession, keeping the growing plants in a cool room.

	Pkt.
Sweet, (Reseda odorata grandiflora.) A well-known fragrant plant. ½ oz., 20 cts.	5
Grandiflora ameliorata. A large variety, with reddish tinge to the flowers.	10
Giant Pyramidal. A mammoth variety. One-quarter oz., 25 cts.	10
Golden Queen. A very fine and distinct variety, with flowers of a golden hue. One-quarter ounce, 20 cents.	10
Machet Perfection. Plant dwarf and vigorous of good habit, producing large spikes of very sweet-scented flowers. Fine for cutting. One-quarter oz., 35 cts.	15
Allen's Defiance. Spikes from twelve to fifteen inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining the fragrance till every bud opened. One-quarter ounce, 35 cents;	10
Goliath. The plants are compact in habit, with rich, green foliage, and the immense trusses of highly-scented red flowers are borne on erect, strong, stiff stalks. It is especially suited to house culture. One-quarter ounce, 50 cents.	15
Large-Flowering. Very large, true pyramidal shape. Reddish-colored flowers, borne on strong stems, well above the dark green, slightly crumpled foliage.	10
White Pearl. White; strongly scented. One quarter ounce, 50 cents	10

VICK'S SPECIAL COLLECTION. Any three 10-cent packets for 25 cents.

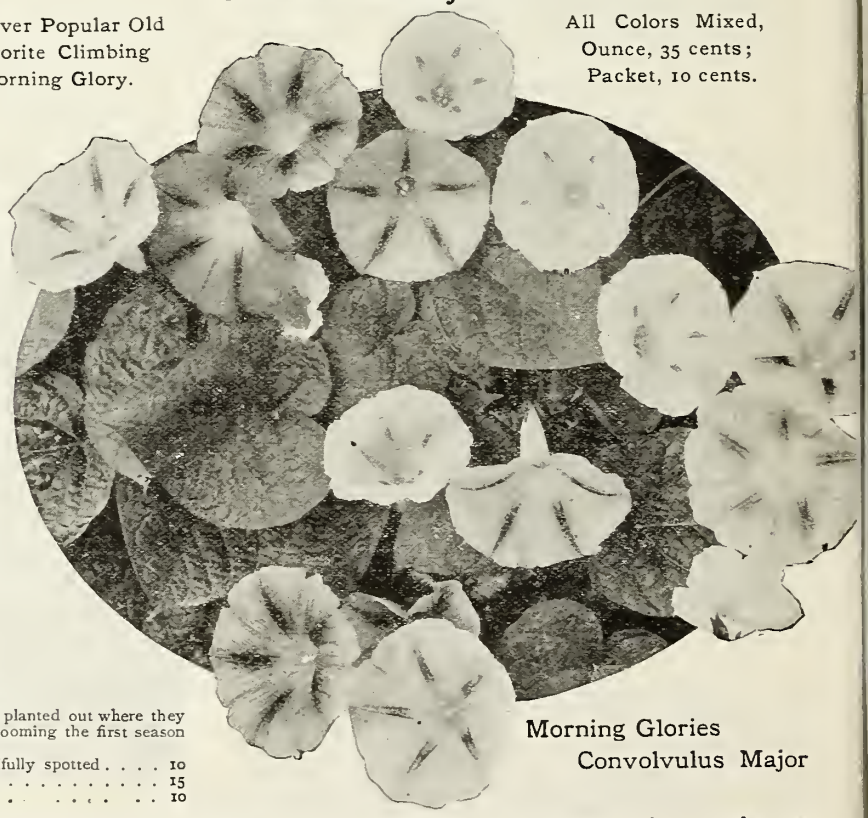
MORNING GLORIES

WHO does not love the Morning Glory? It has long been a favorite for shading porches, covering screens and similar purposes. It is one of the most free-flowering and rapidly growing plants in cultivation. The foliage is a dark green, and the freshness and delicacy of the flowers fully make up for their fugitive character. The prevailing colors are shades of blue, but there are other colors, ranging from white to dark red, and some of the flowers are striped. The seeds germinate so readily that they can be grown in the garden wherever the plants are needed, and almost at any time.

Convolvulus Major

The Ever Popular Old Favorite Climbing Morning Glory.

All Colors Mixed, Ounce, 35 cents; Packet, 10 cents.



Morning Glories Convolvulus Major

Rochester Morning Glory

A distinct species with extra large beautiful flowers and strong growing vines. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. Very free flowering. **Pkt. 15 cents.**

Imperial Japanese. Our own Special Strain. The exquisite beauty of the Japanese Morning Glories, with their innumerable markings and shadings of brilliant colors, commands the admiration of all flower lovers The flowers are four to six inches across and the vines are strong and robust. The leaves are prettily lobed and some of them are beautifully mottled with creamy buff. **Oz., 50 cents; Pkt. 10 cents.**

Brazilian. Ipomœa setosa. Very leafy, strong growing species, with rose colored flowers three to four inches in diamater, and leaves eight to ten inches across. Large seed pods and hairy stems. Unusually ornamental and interesting. **Pkt. 10 cents.**

Dwarf Morning Glories. Flowers Remain Open All Day. The handsome azure blue flowers have a bright yellow throat distinctly bordered with white. Easily grown, and the neat foliage and brilliantly colored flowers make it one of the best trailing plants in cultivation. **Pkt. 10 cents.**

MIMULUS

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful tender plants with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Half-hardy perennials, blooming the first season if sown early.

Hybridus tigrinus grandiflorus. Flowers beautifully spotted	10
Moschatus. Musk Plant	15
All sorts mixed	10

The delicious fragrance of the Mignonette adds a subtle, distinctive charm to the flower garden procured in no other way

NASTURTIUM

Everyone knows and admires the Nasturtium. Its varied and brilliant colors, its refreshing fragrance, making it so desirable for table decorations, its habit of continuous blooming, and the ease with which it is grown, all combine to place the Nasturtium in the list of flowers that are really indispensible.

Few people realize how much more effective the use of named varieties is than the mixtures. Where space permits, by all means select certain named sorts for particular locations so as to secure uniform foliage, blossoms and color effect. Since Nasturtium seeds are large you will probably need an ounce or more of seed to make a good showing.

CLIMBING NASTURTIUMS

Any of the following Named Varieties, packet, 10 cents; oz., 35 cts. ¼ lb., 70 cents.

Atropurpureum. Dark crimson.
Chocolate.
Dark Orange. (Sunlight.)
Edward Otto. Bronze, silky.
Jupiter. Large Golden Yellow.
King Theodore. The darkest.
Orange. Very handsome.
Pearl. (Moonlight.) Creamy white.
Prince Henry. Ligbt yellow, marbled with scarlet.
Regelianum. Dark, crimson.
Scheuerianum. Straw-color, brown striped.
Scarlet.
Schulzii. Brilliant scarlet. Dark leaved.
Schillingi. Bright yellow spotted with brown or maroon.
Vesuvius. Brilliant salmon-rose dark-leaved.
Von Moltke. Blush rose.
Yellow. (Luteum.)

Extra Choice Mixed. From named sorts, ¼ pound, 60 cents ounce, 25 cents, packet, 10 cents.

Mixed Varieties. Pound, $1.00; ¼ pound, 40 cents; ounce, 15 cents, packet, 5 cents.

VARIEGATED-LEAVED NASTURTIUMS

A new race of Nasturtiums in which the foliage is beautifully variegated with white, green and golden. The strikingly marked leaves make a charming contrast with the brilliantly colored flowers.

	Pkt.
Dwarf Variegated-Leaved. Mixed Colors, ounce, 35 cents	10
Climbing Variegated-Leaved Mixed Colors, ounce, 35 cents	10

IVY-LEAVED NASTURTIUMS

The beautiful foliage of this distinct, new class of Climbing Nasturtium closely resembles that of the old English Ivy, the thick angular leaves having a very dark glossy green color. The petals of the flowers, which do not overlap as do those of the other classes, are prettily fringed. The brilliant colors of the flowers make a striking contrast with the dark leaves.

	Pkt.
Climbing, ivy-leaved varieties, Mixed colors	10
Dwarf, ivy-leaved varieties Mixed colors	10

Either of above, per ounce, 30 cents.

HYBRIDS of MADAM GUNTHER

An attractive variety of Climbing Nasturtium.

A strain of French origin, most remarkable for the wide range of exquisite colors and beautiful markings. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases or trailing on the ground.

Extra choice mixture, Ounce, 30 cents . . . . . Pkt 10

DWARF NASTURTIUMS

Any of the following Named Varieties, packet, 10 cents; oz., 35 cts.; ¼ lb., 70 cents.

Aurora. Salmon-rose, mottled and veined.
Beauty. Orange and vermilion.
Bronze. Beautiful coppery bronze.
Carter's Scarlet.
Chameleon. Mottled crimson, bronze and yellow.
Cloth of Gold. Golden-leaved; flowers intense scarlet.
Cœruleo-roseum. Bluish rose.
Crystal Palace Gem. Sulphur, maroon spots.
Dark Crimson.
Empress of India. Dark leaves, and very dark crimson flowers.
Golden King. Golden yellow flowers. Very fine.
Golden Queen. A beautiful golden-flowered, yellow-leaved variety.
King Theodore. Darkest of all.
King of Tom Thumbs. Leaves bluish green, flowers brilliant scarlet
Lady Bird. Golden yellow, flamed crimson.
Luteum. Yellow.
Pearl. Light cream, or amber white
Prince Henry. Light yellow, marbled scarlet.
Regelianum. Crimson, purplish tinge
Rose. Rose, tinted with salmon.
Scheuerianum coccineum. Scarlet striped.
Spotted King. Rich orange, maroon spots.

Extra Choice Mixed. From named sorts, ¼ pound, 60 cents! ounce, 25 cents, packet, 10 cents.

Mixed Varieties. Pound, $1.00; ¼ pound, 40 cents; ounce, 15 cents; packet, 5 cents

CANARY BIRD FLOWER

Tropæolum peregrinum. Tbe Canary Bird Flower is one of the finest of the climbing Nasturiums. The leaves are prettily lobed and the curious, clear yellow flowers bear a fancied resemblance to a canary, with expanded wings. It is a real vine clinging to almost anytbing without special care.

Ounce, 60 cents . . . . . Pkt 10

NEMOPHILA

Baby-Eyes. Love-in-the-Grove. A charming little annual plant, thriving especially well in moist, shady places, but quite at home in the open garden. The pretty, bell shaped flowers, in shades of blue, and variously marked, are freely produced all summer. Plants eight inches in heigbt; of neat, bushy habit. Mixed Varieties, ¼ ounce, 15 cents. . . . . Pkt 10

NIGELLA

Love-in-a-Mist, Devil-in-a-Bush and **Fennel Flower** are names given to this pretty, interesting and easily grown annual. This beautiful, unique and little known plant makes a showy and attractive border or mixes well with other Blue or Pink flowers for bedding. The delicate Blue-White flowers surrounded by a feathery mass of foliage suggests "Love-in-a-Mist," and the red crown-shaped horn tipped seed pods suggest "Devil-in-a-Bush." Fine for cutting. Twelve to fifteen inches. Mixed Colors. . . . . Pkt 10

Make your selection of Nasturtiums from the splendid list of varieties we show above The results will delight you.

VICK'S GIANT FLOWERING PANSIES

The well-loved and always satisfactory Pansy is easily grown. Seed sown in the open ground in May or June will bloom profusely in the late summer and fall, producing even larger and finer flowers as the plants develop, will endure our severe winters and greet us in the early spring with their bright blossoms.

GIANT SUPERB MIXTURE

We offer this mixture of Giant Flowering Pansies to our customers with pride. It is composed of most carefully selected varieties of the choicest Pansies of our own wonderful strain and the finest of the new kinds introduced by the leading European and American Pansy specialists. The flowers are uniformly of the largest size, colors striking in their brilliancy, and yet retaining all the delicate shades, hues and pencilings that have made the Pansy one of our most favored flowers. Our aim is to keep Vick's Superb Mixture at the very top of all mixtures and to make it absolutely unapproachable in quality.

1-32 oz., 75 cents; packet, 50 cents.

GIANT TRIMARDEAU MIXTURE

A wonderful mixture of extra large flowering pansies conspicious for different shades of yellow and bronze. **One-eighth ounce, $1.00; packet, 30 cents.**

PEERLESS MIXTURE

Comprises the choicest of the standard large-flowering sorts, including many of the rare and expensive varieties, such as Bugnot, Odier, Cassier and Trimardeau types. Especially selected for size, perfect form, freedom and durability of bloom and gorgeous colorings.

One-eighth ounce, 90 cents; packet, 25 cents.

MASTERPIECE MIXTURE

A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson.

One-eighth ounce, $1.00; packet, 30 cents.

MASTODON MIXTURE

A new extra choice strain of American grown Pansies of enormous size. Positively the largest Pansies we have ever seen. A wide range of colors in wonderful combinations. **One-eighth ounce, $2.25; packet, 40 cents.**

BLOTCHED VARIETIES (Bugnots)

Another splendid mixture of superb blotched varieties in a fine assortment of colors. In our trial grounds this year this mixture caused much favorable comment. **One-eight ounce, $1.00; packet, 30 cents.**

GIANT FLOWERING PANSIES

This vigorous and compact growing class of Pansies leads all others in size, color and beauty of flower. The flowers are of enormous dimensions, some specimens grown on our grounds measuring three inches in diameter, they are thrown well above the foliage and are beautifully marked with brilliant colors.

	Pkt.
Adonis. Beautiful light blue	10
Fire King. Golden yellow, upper petals purple. Showy	10
Golden Queen Large Best of the pure yellows	10
King of the Blacks Almost jet black. Extra fine large-flowering	10
Lord Beaconsfield Top pale lavender, shading to purple violet on lower petals. Very large and exquisitely marked and destinctive	10
Madam Perret. Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin	10
Prince Henry. An extra fine variety. The largest dark purple. A flower of unusual beauty	10
Prince Bismarck. Beautiful shades of golden bronze. The largest and finest of the bronze Pansies	10
Emperor William. Ultramarine-blue, with violet purple eyes. Very pleasing shades	10
Ruby King. Superb red shades. One of the best for bedding	10
Snowflake. Extra fine pure white	10
White. With purple eye	10
Yellow, with Black Eye Extra large. A splendid bedding variety.	10
Any of the above-named Varieties, 1-16 ounce, 40 cents.	
St. Knud. New orange Pansy decribed in full on page 5	25
Giant-Flowering Mixed. 1-8 oz.. 60 cents	10
Standard Varieties Mixed, ⅛ oz., 25 cts	5

ORCHID FLOWERED VARIETIES

In the Orchid-Flowered Pansies we have some rare and exquisitely dainty shades. The unusual combinations of color tones suggest the delicate tropical colors of the aristocratic Orchid, which may truly be said to "beggar description."

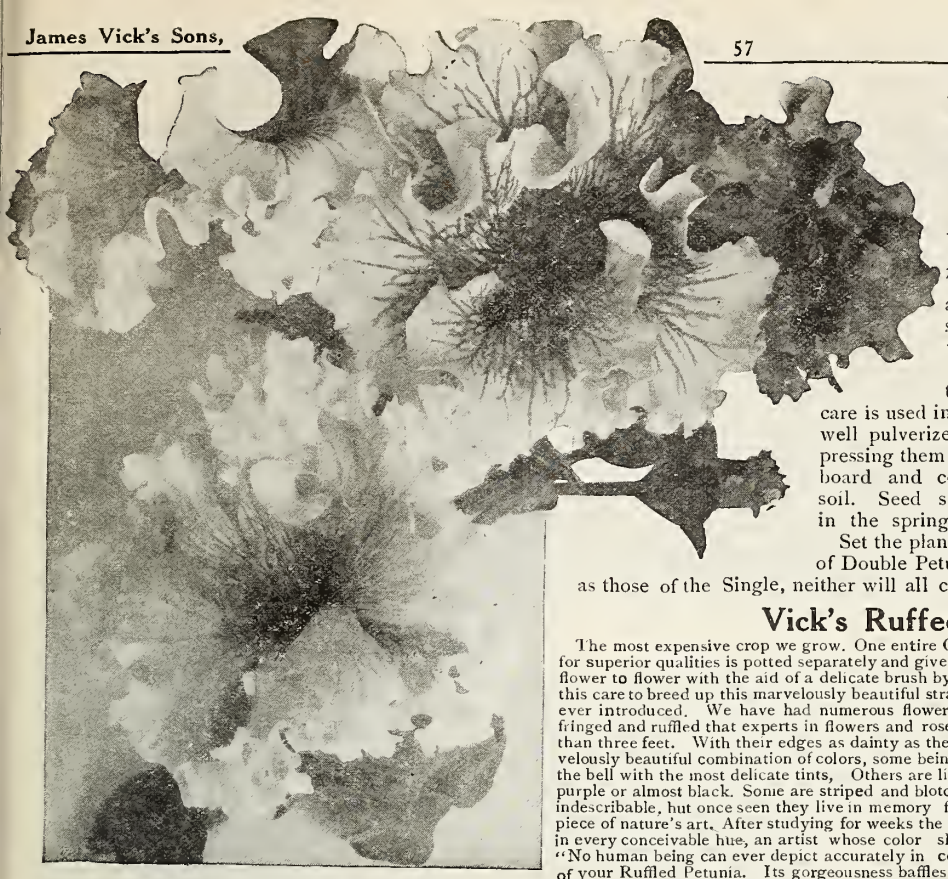
	Pkt.
Almond-flower. Delicate soft pink. A pleasing color in Pansies	20
Daybreak. Vermillion and gold chamois, red shaded	20
Sunlight. Brilliant yellow, with large red-brown spots	20

Mixed Colors. 1-16 ounce, 50 cents; packet 15 cents.

PANSY VIOLET, Tufted Pansy

The Pansy Violet, or Everlasting Pansy, is a charming flower for the hardy border, combining the beauty, fragrance and free blooming habit of the Pansy with the hardy perennial character of the Viola cornuta, or "Horned Violet" of Europe. The plants do not "run out" like those of the ordinary Pansy, and may be left year after year in the same bed. The flowers, which are really medium sized Pansies, are produced in the greatest profusion the whole season, the plants enduring the heat of midsummer much better than those of the true Pansy. ⅛ oz., 35 cts Pkt. 10

A special leaflet on Pansy culture will be sent with any order for Pansies if asked for on the order



VICK'S RUFFLED PETUNIAS

Vick's Petunias

NO bedding plants make a more pleasing display than Petunias. The distinct colors and marking make a brilliant show. The plants make a strong growth and bloom profusely until after hard frosts.

Petunia seed will germinate with little difficulty if a reasonable amount of care is used in sowing. First, be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board and cover very lightly with sand or fine soil. Seed sown in a hotbed or the house early in the spring will produce flowering pants in June.

Set the plants about eighteen inches apart. Seeds of Double Petunias do not possess as much vitality as those of the Single, neither will all come double.

Vick's Ruffed Petunias

The most expensive crop we grow. One entire Greenhouse used, in which each plant selected for superior qualities is potted separately and given individual care. The pollen is spread from flower to flower with the aid of a delicate brush by our greenhouse superintendent. We take all this care to breed up this marvelously beautiful strain which is acknowledged as the most superb ever introduced. We have had numerous flowers five inches in diameter with the edges so fringed and ruffled that experts in flowers and rosettes estimate the entire circumference more than three feet. With their edges as dainty as the most exquisite lace, the flowers show a marvelously beautiful combination of colors, some being almost pure white, veined or threaded in the bell with the most delicate tints, Others are light pink or lavender or yellow or bronze or purple or almost black. Some are striped and blotched and veined in deep rich, gorgeous hues indescribable, but once seen they live in memory forever. Vick's Ruffled Petunias are a masterpiece of nature's art. After studying for weeks the brilliant coloring and delicate threads or veins in every conceivable hue, an artist whose color sketches of flowers are greatly admired, says: "No human being can ever depict accurately in colors the exquisite beauty and intricate detail of your Ruffled Petunia. Its gorgeousness baffles description."

Vick's Ruffled Petunias, mixed colors, packet, 35 cents.

Giants of California. This strain, originating in California, is of incomparable size, luxuriance, and beauty. Nearly all the flowers are ruffled or fringed, and measure from four to five inches across. The great variety of colors, blotchings, stripings and veinings make fantastic and beautiful combinations—some with deep throats of yellow, white, black, green, or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich, gorgeous. Pkt
Mixed colors 25

Large Flowering Single, Fringed. Magnificent large flowers of various colors The large throats richly veined. Mixed colors 20

Double Large Flowered. Mixed colors 25

Double Large Flowered, Fringed. Extra choice varieties mixed . . 50

Plants of Vick's Ruffled Petunias offered on page 89.

Single-Fowered Bedding Petunias

Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.

Blotched and Striped, very symmetrically marked . . . . . Pkt 10

Countess of Ellsmere. Dark rose, with fine white throat 15

General Dodds. Beautiful dark red. 10

Rosy Morn. Dainty soft carmine-pink; white throat; fine for border . 10

Snowball. Satiny-white flowers; blooms throughout the season 10

Single Flowered Bedding. Extra Choice Mixed. Superb strain. . 10

Howard's Star. A fine Rosy Crimson with distinctly marked five-pointed star of blush woite 15

Rose of Heaven. Same size and shape as Rosy Morn but color is a rich brilliant rose 15

Corunna, Ont., March 5, 1923,

Last year I ordered a packet of your Ruffled Petunias and they were wonderful. Every one who saw them marveled at their beauty and asked where the seed had come from. A great many who have summer homes here, wrote down your address wishjng to send for your Garden and Floral Cuide.

Addie Rouan

For sweet simplicity, Single-Flowered Bedding Petunias—for gorgeous beauty and exquisite detail, Vick's Ruffled Petunias

ANNUAL PHLOX GROWING FOR SEED ON OUR HIGHLAND FARM, A BRILLIANT DISPLAY OF COLOR ALL SUMMER

VICK'S ANNUAL PHLOX (For Perennial Phlox See page 75.)

PHLOX DRUMMONDI, Pride of Texas, of which state it is a native, is one of the most brilliant of Annual flowers, It is rapidly increasing in popularity because of its ease of cultivation and its willingness to grow under almost all soil and climatic conditions. It flourishes in any place where few other flowers would grow, such as stony, dry, sandy soil, on a gravelley bank or foot of stone wall and other waste places. Many otherwise vacant spots can be made brilliant with a riot of color all summer. The plants begin to bloom just as soon as they are a few weeks old and as they develop in size, the blossoms increase in number until in August and September, they are a solid mass of brilliant color. Our mixture will provide a superb and dazzling combination containing a large nnmber of distinct varieties including a sprinkling of such famous varieties as Black Warior, Isabellina and Splendens. For the slight cost of the seed and care of plants, few other annuals will give greater returns in pleasure and satisfaction than PHLOX DRUMMONDI. The seed may be sown where the plants are to grow as early in the spring as the ground can be worked or the young plants may be started in the house and transplanted later.

Phlox Drummondii Grandiflora

The flowers of this class have round petals and larger flowers than the old sorts. The following varieties are considered by experts to be the choicest of the named sorts:

White, soft pure white.
Chamois Rose. Salmon pink.
Brilliant. Deep pink, shading ligbter at the edge of the petals.
Splendens. A soft shade of scarlet, between scarlet and carmine
Black Warrior. Rich, deep red, almost purple.
Crimson with wbite eye.
Dark Purple with white eye.
Rosea. Light rose.
Rose, with white center.
Isabellina. Pale primrose yellow.
Splendens. White center.

Price: Any of the above varieties, per packet, 15 cents.
Choice Mixture Grandiflora Phlox. ¼ oz.. 50 cents. . . . . **Pkt. 10**

Vick's Dwarf Phlox

Dwarf annual Phlox is very desirable for edgings and ribbon beds and useful for pot culture. Plants grow six to eigbt inches in height, forming dense masses of bloom all summer. Of the many varieties the following are the best:

Fireball. Bright scarlet . **Pkt. 15**
Snowball. Pure white **15**
Vermillion. White center. **Pkt. 15**
Best Varieties Mixed **10**

Vick's Star Phlox

A decidedly unique variety. While the petals of all other Phloxes are entire, in this variety they are partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, and project like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct colors. **Best Varieties Mixed. . Pkt 10**

PERILLA

Nankinensis. An elegant dark leaved bedding plant, easily grown from seed and not as sensitive to cold as the Coleus. The foliage is a very dark, rich, bronzy purple. Plants grow about eighteen incbes in height. **Pkt 10**

SENSITIVE PLANT

Mimosa pudica. The Sensitive Plant affords a good deal of amusement, on account of its sensitive leaves, which close up when touched. Sow outside after settled warm weather, or sow inside and transplant.. . . . . **Pkt 10**

RICINUS. Castor Oil Plant

A Showy Ornamental Foliage Plant for Bedding

In the center of a bed it gives a magnificent semi-tropical appearance; or planted thick, it makes a fine screen or hedge. Plant seeds in open, very rich deep-spaded ground, in a dry situation, as soon as safe in spring. **Pkt.**

Borboniensis. Very beautiful large green leaves. One of tbe tallest **Ounce, 40 cents** **10**

Cambodgensis. Tbe finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet. **Ounce, 50 cents . 10**

Zanzibarensis. The gigantic leaves, two to two and one-half feet across, and tbe great size of the plant, surpass any other known Ricinus. The luxuriant tropical effect when planted singly or in masses is matchless. **Ounce, 40 cents** **10**

Vick's Fine Mixture of best varieties. Ounce, 40 cents **10**

SCHIZANTHUS (Poor Mans Orchid)

The Schizanthus is a beautiful half hardy annual, of very graceful habit. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. About two feet high. **Best Varieties Mixed.** **10**

Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks **25**

PRIMULA or PRIMROSE (See also pp. 7, and 89)

Primroses are considered among the best and most showy of plants for winter blooming in the house. Seed sown in Marcb, April or May will make fine specimen plants, beginning to bloom in the fall and continuing throughout the winter. **Pkt.**

Primula Forbesii. Baby Primrose. Fine for the house, needing little care **25**

Primula Malacoides. Plant and flowers similar to Primula Forbesii, but larger. Flowers delicate lilac. **25**

Primula obconica grandiflora. Splendid house plant. Blooms profusely. **Mixed Varieties** **20**

Primula Sinensis. Chinese Primrose. Tender. Everblooming. Choicest fringed varieties. **Mixed** **25**

In planning for perennial flowers keep in mind the beauty and attractiveness of Perennial Phlox. For hardy plants, see page 75

VICK'S ANNUAL POPPIES

Poppies have a distinctive charm supplied by no other flower and deserve a place in every annual garden. Their gracefully nodding flowers and brilliant hues make them very attractive in almost any setting.

Vick's Double Flowering Varieties

Ounce, 50 cents; one quarter ounce, 20 cents, except where noted

Peony-flowered. A splendid class of large double flowers, with broad petals, resembling a Peony. The colors range from white to pink, carmine, scarlet, crimson, and maroon. **A fine mixture of colors.** . . . . . Pkt 10

Carnation-flowered, or Double Fringed. Splendid large double flowers, **A fine mixture of colors.** . . . . . Pkt 10

Vick's Brilliant. Tall double Poppies. A superior selection made up of the best colors and varieties. Selected with great care to produce the most brilliant effect. Grown on our own farm. Of strong, robust growth, two to three feet high. **A fine mixture of colors.** . . . . . Pkt 10

Mikado. Large double flowers, resembling Japanese Chrysanthemums; petals cut and fringed in the most fantastic manner; color pure white, edged with shades of crimson. . . . . Pkt 10

American Flag. Flowers snow white, bordered with scarlet. Large, double Peony-flowered. . . . . Pkt 10

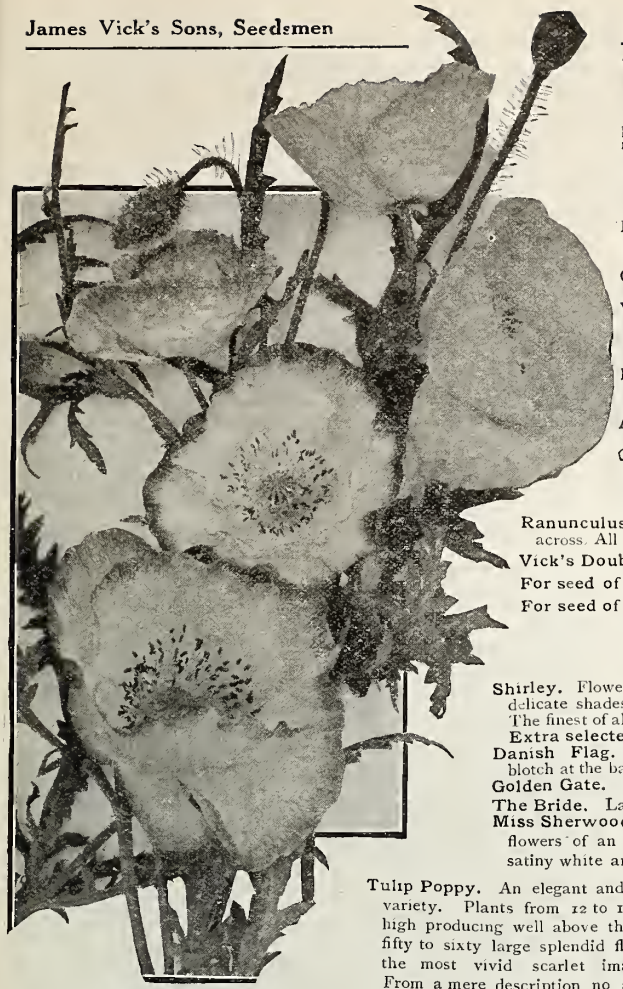
Cardinal Poppy. (New hybrids). About eighteen inches high, habit erect and compact. Foliage dark green, deeply laciniated. The double flowers, which are beautifully fringed, come in about the same range of colors as the Shirley. **A fine mixture of colors.** . . . . . Pkt 10

Ranunculus-flowered. Plants two feet high; free bloomers. Flowers double, two inches across. All shades of color, from white to deep crimson. **A fine mixture of colors.** Pkt 10

Vick's Double Mixed, made up of the above varieties, ¼ ounce, 20 cents . . Pkt 10

For seed of California Poppies, see page 49.

For seed of Perennial Poppies, see page 70, for plants see page 74.



SHIRLEY POPPIES
Finest of all single varieties, elegant and graceful.

Vick's Single Flowering Varieties

Shirley. Flowers exceedingly graceful and attractive; single. Colors mainly blush white, and delicate shades of pink, but containing shades of rose, carmine, scarlet and crimson. The finest of all annual single Poppies. One and one-half to two feet high.
Extra selected strain. ¼ ounce, 35 cents; ounce, $1.00 . . . . . Pkt 15

Danish Flag. The large, single flowers are brilliant scarlet, with a large, silvery white blotch at the base of each petal, forming a white cross on scarlet ground. Very striking. . 10

Golden Gate. Single and semi-double flowers in a splendid variety of colors . . . . . Pkt 10

The Bride. Large pure white . Pkt 10

Miss Sherwood. Very large single flowers of an exquisite shade of satiny white and rose . . . . Pkt 10

Tulip Poppy. An elegant and distinct variety. Plants from 12 to 14 inches high producing well above the foliage fifty to sixty large splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be gained of its strikingly beautiful effect. ¼ oz., 30 cts. . . Pkt 10

VICK'S PORTULACA (Sun Plant)

For brilliant coloring, nothing can excell a bed of Portulaca, with its silky flowers glistening in the sunlight. It is very easily grown and no bedding plant equals the Portulaca for places exposed to the hot sun of mid-summer. It delights in intense heat, and dry weather seems to have almost no effect on the plants. The plants are of low growth and spreading in habit, each plant covering a space of about two feet in diameter. The flowers of the double varieties are like small roses and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower.

Single varieties, fine mixed. ¼ oz., 25 cents; oz., 75 cents . . . . Pkt 10

Double Rose-Flowered. As double as the Rose and of many brilliant colors. **Finest quality, mixed colors.** . . . . . Pkt 15

PYRETHRUM (See also pages 70 and 74)

Matricaria Capensis (Feverfew). Small double white flowers well adapted for bedding. Half hardy annual . . . . . Pkt 10

HELIANTHUS or SUNFLOWER

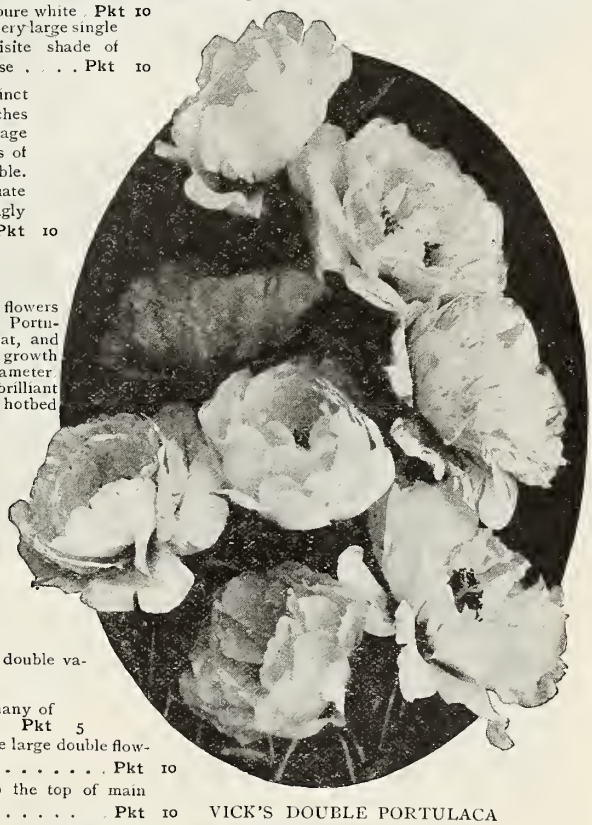
Tall plants, from four to seven feet in height, with bright yellow flowers. The double varieties produce a very good effect among shrubbery. Often used as screens.

Red Sunflower. Blooms the first year from seed. Flowers chestnut red, many of them variously marked with gold. A splendid addition to the annuals. . . . Pkt 5

Chrysanthemum Flowered. Best of the Sunflowers, about seven feet high. The large double flowers are like yellow Chrysanthemums. Oz., 70 cts . . . . . Pkt 10

Extra Double Dwarf. About four feet high. Each branch, from the ground to the top of main stem, bears a golden flower . . . . . Pkt 10

Mammoth Russian. For prices see page 36 (Farm Seeds) For plants of hardy Helianthus, see page 73.



VICK'S DOUBLE PORTULACA

Our fields of Salpiglossis with their marvelous rich coloring make a wonderful display all summer. See description p. 60

SALPIGLOSSIS OR VELVET TRUMPET
BEAUTIFUL BEYOND DESCRIPTION. BY ALL MEANS PLANT AT LEAST A FEW FEET OF YOUR GARDEN TO THIS MOST BEAUTIFUL FLOWER.

SALPIGLOSSIS or VELVET TRUMPET

One of the most charming annual flowers whose rapidly growing popularity compels us to grow larger fields each year. When in bloom they present a marvelously rare and charming combination of grace and beauty; the field of mixed varieties was one glorious mass of softly blended colors. No other flowers on our farms receive greater praise than this queen of all trumpet-shaped flowers.

Our illustration shows the form and veinings of this beautiful flower, but only nature can paint its colors. Its velvety texture and brilliancy of coloring defy description. It is fine for cutting, lasting well in water. The plants bloom continuously from midsummer until late fall. Sow the seeds on top of well-pulverized soil, cover *very* lightly with fine sand and press down firmly with a board. Protect from sun with paper or cloth until seed germinates.

We are now growing only the **New Emperor** variety, which shows a very marked and striking distinctiveness in habit of growth as well as in flowers from the old-fashioned grandiflora type. It grows about three feet high in a graceful bushy form with numerous branches thickly covered with flowers considerably larger than those of the old type, and presents a wide range of rich velvety colors.

Yellow, crimson, scarlet, yellow with white edge, light blue with gold, black purple, velvety violet, and dark scarlet.
Each, Packet, 15 cents.
Mixed Colors,
Packet, 10 cents.

SALVIA
or FLOWERING SAGE

The Scarlet Salvias are among the most brilliant red flowering bedding plants in cultivation. They bloom from the middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Set plants one foot apart. For plants see pages 89 and 104

Clara Bedman, "Bonfire". A very compact, oval-growing variety, bearing an immense quantity of brilliant scarlet flowers on stiff, erect stems that stand out of and above the foliage. One of the most popular and best Salvias. . . . . Pkt 15

Splendens. Bears during summer and fall brilliant fiery scarlet flowers in great profusion. This is the old favorite bedding variety used so extensively. Plants three feet high. . . . . Pkt 10

Patens. Blue Sage. Flowers of a delightful blue. Fine for borders. Pkt 15

Ostrich Plume. The flower resembles a large ostrich plume, color a brilliant scarlet. The plants are covered with these beautiful plume-like flowers. A single flower spike is a bouquet in itself. . . . . Pkt 15

NEW HARDY WHITE SALVIA

Argentea. Very attractive silvery white foliage. Pyramids of white flowers, three feet high. Blossoms the second year from seed. . . . Pkt 10

For plants of hardy salvias see page 76
For plants of annual varieties see page 89.

AMERICA (Globe of Fire)
A SPLENDID NEW SALVIA

The earliest, most compact and uniform Salvia ever introduced. A profuse bloomer of brilliant scarlet color. Its erect, uniform habit of growth makes it of unusual value for border or base planting in front of porches or for bedding . . . . . Pkt. 15

Flint, Mich., February 18, 1924.

This is my 10th year of using your seeds and I have never been disappointed. Your seeds were always of the variety represented, of high percentage of germination and bountiful in blossoms. You can figure me for a lifelong customer.

Chas. Dobash.

Plant Salpiglossis in your garden this year. Their marvelous beauty and brilliant coloring will amply repay you

STOCKS

One of the most popular and desirable Annuals. It has good habit, fine foliage, fragrance, and beautiful flowers of nearly every desirable tint,

Large Flowering Ten Weeks Stock

This is the class that is most largely used for summer flowering as it comes into flower quicker than other types. Of compact growth and magnificent spikes of large double flowers,

	Pkt.		Pkt.		Pkt.
White	10	Bright Pink	10	Canary Yellow	10
Azure Blue	10	Blood Red	10	Mixed Colors	10
Wallflower leaved, mixed	10				

Cut - and - Come - Again Stocks.

Perpetual Branching Type.

Of robust growth and branching habit. If sown early will commence blooming in June or July and continue until frost. Especially fine in September and October when other flowers have faded. This type has many side branches bearing numerous double fragrant flowers.

	Pkt.		Pkt.
Empress Augusta Victoria, silvery lilac	10	Blue	10
Princess Alice, white	10	Rose	10
Blood Red (Brilliant)	10	Yellow (Creole)	10
		Finest mixed colors	10

Early Mammoth Flowering Winter Stocks.

Magnificent recently developed strain of early flowering Winter Stocks sometimes called Beauty or Nice Stocks. Very large double delightfully fragrant flowers on well-branched plants about two feet high. This is the most desirable type for potting for window growing.

	Pkt.		Pkt.
Crimson King	15	Giant Nice Yellow	15
Beauty of Nice, flesh pink	15	Queen Alexandra, rosy-lilac	15
Empress Elizabeth, carmine-rose	15	Giant Nice, white	15
		Mixed Colors	15

St. Joseph, Mo., February 20, 1924

Some three or four years past I sent my first order for flower seeds to you and can truthfully say they have been all you claimed for them. I have tried other places but none proved so good and true to name as Vick's.

Mrs. Georgie Frazier.

CUT AND COME AGAIN—STOCKS

SCABIOSA (See also pp. 70 and 76)

or Mourning Bride

The Scabiosa is anold favorite and of late years has been greatly improved. The flowers are borne on long, wiry stems in white, yellow, pink, scarlet, crimson and maroon. Beautiful in the garden and excellent for bouquets. Very easily grown and has a long season of bloom. Twelve to eighteen inches high. Often called Pin Cushion Flower.

Annual.	Pkt.
Double Fiery Scarlet	10
Double Lilac. Tall growing	10
Double Royal Purple, almost black	10
Double White Snowball. Pure white	10
Double Yellow. A distinct color	10
Double Tall. Mixed colors	5
Double Dwarf. A pretty, compact plant. Mixed Colors	5

VICK'S VERBENAS

Unrivallen as low growing bedding plants.

Long season of bloom.

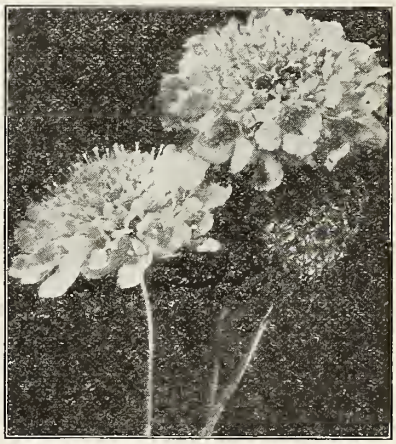
Very few plants will make such a gorgeous display during the summer months as the Verbenas or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts.

	Pkt.
Auricula-Flowered or White-Eyed. Mixed colors	10
Striped. Excellent flowers, with Carnation like stripes	10
Scarlet. Brightest scarlet Quite true	10

VICK'S VERBENAS

(Verbenas con't)

	Pkt.
Pure White. Quite true fromseed	10
Blue. Shades of blue and purple	10
Yellow. Pale primrose yellow	10
Mammoth pink	10
Purplish Violet, with large white center	10
Mixed colors. ¼ oz., 30 cents; oz., $1.00	5
Verbena hybrida. Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. ¼ oz., 50 cents; oz., $1.50	10



SCABIOSA—MOURNING BRIDE

Stocks are not effected by the early frosts and are therefore especially desirable for fall blooming

New Early Flowering Spencer Sweet Peas

Will bloom 3 or 4 weeks earlier than standard kinds.

In the last few years great advance has been made in developing this new type of Spencer Sweet Peas for outdoor planting to produce extra early flowers of wonderful size and with long stems. In our trial grounds they started blooming three or four weeks earlier than the standard late flowering types when planted in the open ground. Especially in the more southern states, this type has come to take the place very largely of the later flowering kinds. We are offering a few of the finest which have been developed for this purpose. These are the kinds which are also used for forcing or growing indoors for winter flowering.

Any of the following varieties, packet 10 cents; ounce 60 cents.

Early All White Largest and finest waved pure white.
" **Aviator.** Dazzling scrimson-carlet of fine form.
" **Blue Bird.** A charming shade of violet blue with long stems.
" **Blanche Ferry.** Lovely pink and white, standards bright crimson, wings white tinted pink.
" **Cream.** A Primrose Spencer of perfect shape and large size.
" **Glitters.** A new glittering orange cerise with a fire like sheen radiating over the flowers.
" **Heather Bell.** Rich lavender mauve, flowers very large which form in threes and fours on long stems.
" **Melody.** A deep shade of rose pink closely resembling late flowering Countess Spencer.
" **Morning Star.** Deep orange scarlet or flame color with large orange pink wings.
" **Song Bird.** A soft shade of pale rosy pink on white ground.
" **Snowflake.** Magnificient pure white of superh form, three or four flowers on long stems.
" **Spring Maid.** Crimson pink, heautifully shaded.
" **Yarrawa.** The original Early Flowering Sweet Pea. A soft bright rose pink with creamy hase.
" **Choice Mixture.** Early flowering. **Packet 10 cents; ounce, 50 cents.**

VICK'S GRANDIFLORA SWEET PEAS

The Grandiflora was the type of Sweet Pea originally brought to this country by James Vick and which caused such a sensation many years ago. Now they are largely superceded by the more improved Spencer varieties. So we have reduced our list to the following most popular and useful kinds.

Any variety Packet, 5 cents; ounce, 20 cents; ¼ lb., 60 cents ½ lb., $1.00; lb. $1.75.

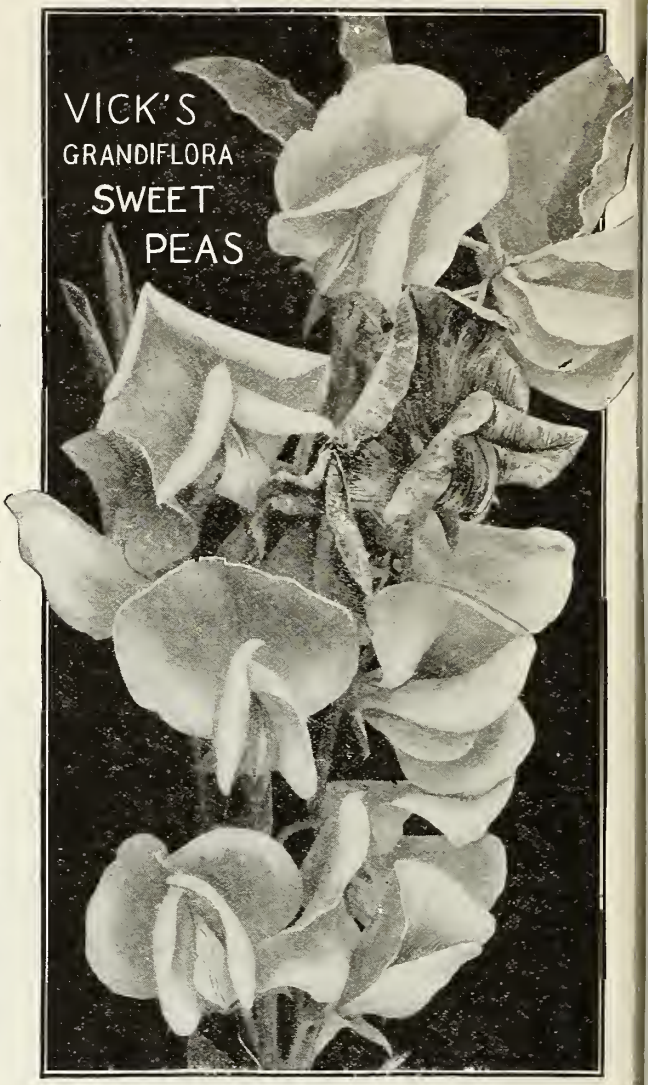
Aurora. Orange rose stripes on white ground. The most attractive striped variety. Large hooded form.
Dorothy Eckford. White. Very large, semi-hooded form. A grand flower.
Hon. Mrs. E. Kenyon. Light primrose. Very large semi-hooded form.
Janet Scott. A heautiful rich deep pink.
King Edward VII. The largest and brightest red yet introduced. Crimson scarlet. Open form.
Lady Grisel Hamilton. The largest and lightest shade of lavender. Standard light mauve. Hooded form.
Lovely. Light pink, shading deeper toward the center of the flower. Vigorous and free bloomer. Hooded form.
Miss Willmott. Standard orange pink. Wings rose, tinted with orange. The hest orange pink. The large semi-hooded flowers are horne on long stems.
Lord Nelson. The hest darkhlue. Distinct and a vigorous grower.
Othello. Dark maroon self. Large, hooded form.
Prima Donna. The favorite soft, clear, pink self. Good size. Hooded form. Vigorous and free flowering.

Any 7 packets of the above varieties, 25 cents
Vick's Invincible Mixture of Grandiflora Varieties.
Packet., 5 cents; oz., 15 cents; 1-4 lb., 50 cents; 1-2 pound, 80 cents; pound, $1.50

VICK'S PERENNIAL PEAS (See also pages 69-73.)

The Perennial or everlasting Pea (Lathyrus latifolious) is one of the hest of the hardy climhing plants. It produces large flowers in clusters, which are not, however, fragrant like the Sweet Pea, and remains in bloom for a long time. The Perennial Pea is very easily grown from seed, will succeed in almost any situation and once established will remain for years without replanting. It does well in shady and in moist places where other climbers would not thrive. Perfectly hardy. Grows from five to eight feet in height.

White, Rose and Red, each . . . . . Pkt 15
Mixed colors, Ounce, $1.25 10



CUPID or DWARF SWEET PEAS

The Cupid varieties of Sweet Peas make very pretty edging for a border or sidewalk. The small bright flowers are borne in great profusion.

Mixed colors. Ounce, 35 cents; Pkt., 10 cents.

A Few Suggestions for Sweet Pea Culture.

Any ordinary garden soil is well adapted for growing these beautiful and popular climbing plants, providing its surface is kept fine and mellow from the time it is worked up in the spring. Wood ashes or air-slacked lime are excellent fertilizers for Sweet Peas, and should always be used when a large amount of manure is applied. Sow as early in the spring as the ground can be worked. *Do not wait for fair weather.* Sow the seeds in a trench four inches deep and cover with about an inch of soil. Furnish support early. After the plants are well up, thin them to about six inches apart and graduàlly fill the trench to the level of the garden. When hoeing draw the soil towards the plants, but do not form a ridge. One quarter pound of seed will sow fifty feet.

This was the first catalogue seed house to introduce Sweet Peas to the flower lovers of America.

VICK'S RUFFLED GIANT SPENCER SWEET PEAS

A Revised List of the Very Finest of the Newer Varieties

SWEET PEAS well deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden, and bear all summer an abundance of beautiful, fragrant flowers of a great many wonderful shades and tints. The magnificent new **Spencer Sweet Peas** are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from two to two and one-half inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer **Spencers** the fluting is very pronounced. There is a far wider range of colors now in the new **Spencers** than were ever developed in the grandiflora type. After careful trials we have selected the following list as embracing the **Choicest of The Spencer Sweet Peas.** Our list has been thoroughly revised to include many of the newer and finer varieties.

GENERAL LIST

See also list of newer varieties on page 64.

Agricola. White flushed with heliotrope.
Packet, 10 cents; oz., 35 cents.

America Spencer. Ivory white, striped with brilliant crimson. One of the most satisfactory striped kinds.
Packet, 10 cents; oz., 35 cents.

Asta Ohn. Charming soft lavender tinted with mauve pink.
Packet, 10 cents; oz.. 35 cents.

Cherub. One of the best of the picoteed or edged varieties. A deep rich cream attractively edged with deep rose. Very large and free flowering.
Packet, 10 cents; ounce, 35 cents.

Countess Spencer. Clear, soft, rich pink, a little deeper at the edges. Vines strong and free flowering. As a cut flower it is unsurpassed for massing. Packet, 10 cents; oz., 35 cents.

Dainty Spencer. An extremely delicate shade of light pink, deepening slightly at the edges of the petals.
Packet, 10 cents; oz., 35 cents.

Daisybud. A charming combination of apple blossom tints with a suggestion of cream pink. Extra large and beautifully waved.
Packet, 10 cents; oz., 45 cents.

Dobbie's Cream. Flowers a deep cream or primrose, distinctly waved or crimped. One of the best of the primrose class.
Packet, 10 cents; oz., 40 cents.

Elfrida Pearson. Huge flowers of a dainty blush pink, an extremely delicate shade. The buds and the opening flowers show a slight salmon tint. One of the most vigorous and free blooming varieties. The immense flowers are almost invariably borne four on a stem, and many of them have double standards. Packet, 10 cents; oz., 35 cents.

Florence Morse Spencer. Splendid light pink, a clear, beautiful shade. Immense flowers, with many double standards.
Packet, 10 cents; oz., 35 cents.

George Herbert. Large flowers of rose-crimson. A rich color. The wings veined with deeper color. Packet, 10 cents; oz., 35 cents.

Hawlmark Pink. This lovely new pink is unsurpassed for cutting and sbow purposes. The color is a most beautiful ricb rose pink, deeply flushed and shaded with salmon. The standards are slightly lighter in color than the wings. The flowers are well formed, waved and usually borne in fours. See illustration in color on inside front cover.
Packet, 10 cents; oz., 40 cents.

Hercules. Plants are very strong and vigorous. The flowers borne on stiff stems twelve to fourteen inches long are of beautiful soft rose pink, large and finely ruffled. One of the very best pinks.
Packet, 10 cents; oz., 35 cents.

Illuminator. Brilliant glowing orange-scarlet which glistens under bright sunlight. Packet, 10 cents; oz., 35 cents.

King Edward VII Spencer. A splendid old standby. The flowers are full Spencer size, and the bold coloring of rich crimson-scarlet makes them appear truly gigantic. Packet, 10 cents; oz., 35 cents.

Majestic Cream. A very rich deep cream of remarkably large size. Well formed and free flowering. Packet, 10 cents; oz 45 cents,

Margaret Atlee. The lovely flowers, uniformly of the most advanced Spencer type are a rich glowing pink on cream ground, softly suffused witb salmon in the standard, while the wings are a pleasing shade of pinkish rose and salmon. There is a distinct blotch of buff-primrose at the base of both standard and wings which is particularly effective, giving a ligbt, bright appearance to the entire flower. The flowers are of extraordinary size, often measuring two and one-half inches across the standard, exquisitely waved.
Packet, 10 cents; oz., 45 cents.

MRS. C. P. TOMLIN,
ONE OF THE
VERY BEST
NEW SCARLETS

Margaret Madison. Clear, light azure blue. A refined color, free from mauve or pink shades. Both standard and wings beautifully ruffled. A gem that is bound to become immensely popular.
Packet, 10 cents; oz., 35 cents.

Mrs. Cuthbertson. Standard clear rose pink, wings wbite, faintly flushed with pink. The best of the bright pink and white Spencers.
Packet, 10 cents; oz., 35 cents.

Mrs. Hugh Dickson. Soft apricot pink on a buff ground. The magnificent large flowers come quite uniformly four on a stem and are produced in the greatest profusion, An extremely valuable variety.
Packet, 10 cents; oz., 35 cents.

Rosabelle. This is undoubtedly tbe largest and most beautiful of the deep colored, and should be included in all collections. It is a vigorous grower and most profuse bloomer, the immense flowers being usually borne four on a stem. The attractive rose-crimson color is heightened by a distinct white blotcb at the base of the standard and wings. The flowers are very much waved or crimped, and while of such large size, the form is perfect.
Packet, 10 cents; oz., 35 cents.

Royal Scot. A wonderful new brilliant scarlet or deep cerise, one of the best of tbis class yet produced. It is very strong growing and produces large flowers of good texture and substance beautifully waved and borne usually in fours. The color is quite sun-proof. Packet. 10 cents; oz., 60 cents.

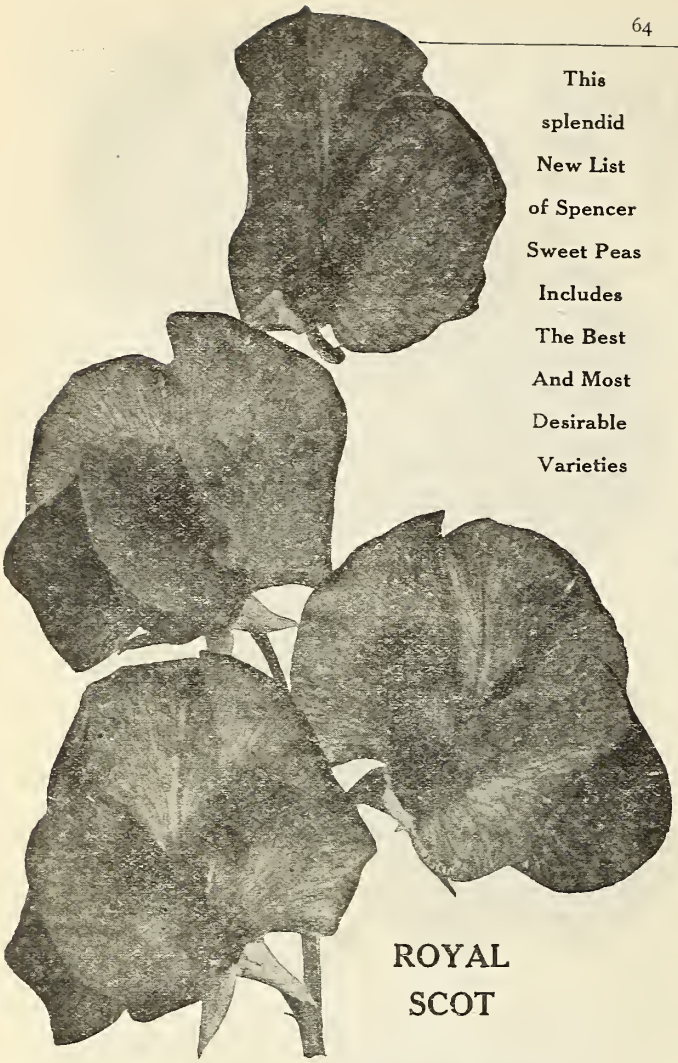
Thos. Stevenson. Brilliant orange-scarlet. Best of all the shades of orange in the Spencer type. Packet, 10 cents; oz., 35 cents.

Wedgewood. A lovely light blue, in fact tbe best of the blue Spencers. The flowers, of good size and substance, are well waved in both standard and wings; they are borne almost uniformly in four flowered sprays upon long, stout stems. Packet, 10 cents; oz.. 40 cents.

White Spencer. Pure white. Fine Spencer form, full size. Beautifully waved. Packet, 10 cents; oz., 40 cents.

The President. A wonderfully brilliant, glowing scarlet, waved Sweet Pea of the largest size, carried on strong, stiff stems, usually in fours. One of the best of the older standbys in this class.
Packet, 10 cents; oz., 35 cents.

No other class of flowers has shown more wonderful development in the past few years than Ruffled Spencer Sweet Peas



ROYAL SCOT

This splendid New List of Spencer Sweet Peas Includes The Best And Most Desirable Varieties

A WONDROUS NEW DEEP CERISE OF EXQUISITE FORM

Vick's Superior Mixture of Spencer Sweet Peas

This mixture is made in our own seedhouse and contains the best Spencer Sweet Peas. We know just what goes into the mixture, and we are sure you will be pleased with the assortment at blooming time.

Packet, 10 cents; ounce, 25 cents; quarter pound, $0.75; half pound, $1.40; pound, $2.50.

Rainbow Sweet Pea Collection

Fifteen varieties covering the entire range of color in Sweet Peas including many of the newer and finer kinds.

Postpaid to your door for $1.00

Cherub, cream edged rose.
Majestic Cream, rich cream
King White, glistening white.
Wedgewood, lavender.
Royal Purple, true purple.
Margaret Madison, light blue.
Margaret Atlee, cream pink.
Hercules, rose pink.
Hebe, large rich pink.
Daisybud, apple blossom tints.
R. F. Felton, lavender-pink.
Warrior, dark maroon.
Elfrida Pearson, blush pink.
Illuminator, orange scarlet.
The President, brilliant scarlet.

One Packet Each of the above 15 kinds $1.00

Vick's Choice Collection

Orchid Flowered Spencer Sweet Peas.

Illustrated in natural colors on opposite page.

Twelve of the very finest and newest varieties of Spencers offered.

Renown. A splendid new variety recently introduced from England. It is conceded to be the best rose carmine yet produced. Flowers are large and well waved. **Per packet 15c., oz., 75c.**

Hebe. A fine rich pink of unusually large size with broad outstanding standards. Plants are very strong and vigorous in growth and the flowers exceptionally large and borne on long stems, usually in fours.

Per packet 10c., oz., 45c.

Mrs. C. P. Tomlin. One of the very best new scarlets. The color is a rich scarlet with a touch of fiery red. Flowers are large and of true Spencer form.

Per packet 10c., oz., 40c.

Sunset. A magnificent Spencer novelty with flowers of a soft but rich shade of rose, the base of the flowers being lightened by a golden yellow suffuson. Plants are sturdy and vigorous and produce large well waved flowers in great profusion.

Per packet 15c., oz., 75c.

King White. A glistening pure white of perfect form and texture, truly gigantic in size. Very free flowering.

Per packet 10c., oz., 35c

R. F. Felton. A fine new rich lavender pink, a wonderfully distinctive color. Flowers are of magnificent size.

Per packet 10c., oz., 40c.

Picture. One of the largest Sweet Peas ever produced. Color is a charming combination of cream and pink with a deeper flush of apricot on the wings. A strong vigorous grower with large flowers well waved and frilled at the edges.

Per packet 10c., oz., 40c.

Defiance. A new variety which we catalogue for the first time and which we believe to be the finest red Sweet Pea yet produced. It is a dazzling rich fiery cardinal red about identicial in shade with the color of Lobelia Cardinalis. This variety is absolutely burnless even in the brightest sunshine.

Per packet 25c., oz., $2.50

The President Harding. Offered for the first time this season. An entirely new color in Sweet Peas. Peach red or salmon cerise suffused orange. A year ago this variety was awarded the only certificate of merit by the Nationat Sweet Pea Society of Great Britian. The blooms are magnificent in every way. Both standards and wings are attractively waved and crimped. Flowers are borne profusely on long stems nearly everyone bearing four large flowers.

Per packet 25c., oz., $2.00

Warrior. A deep rich reddish maroon with bronze tints. A splendid artistic combination. One of the best of the very dark varieties.

Per packet 10c., oz., 35c.

Mrs. Tom Jones. A new first class rich blue described as a bright Delphinum blue. One of the finest yet produced. The flowers are large, beautifully waved and generally borne in fours.

Per packet 10c., oz., 40c.

Royal Purple. The color is as the name describes it a rich royal purple. The vines are unusually vigorous and long stout stems carrying four large blossoms as the rule. Flower retains its rich deep color until it withers with age. It should be in every collection.

Per packet 10c., oz., 40c.

Our Spencer Sweet Pea list has thoroughly been revised and contains all of the best of the newer kinds

VICK'S CHOICE COLLECTION!

Spencer Sweet Peas

One packet each variety pictured on this page, 12 in all, the finest and newest Spencers offered for

$1.25 Postpaid

Descriptions on opposite page

A Few Popular Annuals

	Price per pkg.	Description on page
Blue Lace Flower (Didiscus Coeruleus)	15c	5
Poppy, Peony Flowered . . .	10c	59
Poppy, Carnation Flowered . . .	10c	59
Zinnia, Dahlia Flowered . . .	20c	64
Zinnia, Cactus Flowered . . .	20c	64
Nigella, Love-in-a-Mist .	10c	55

Vick's Mammoth Zinnias

Great advance has recently been made in the development of the ever-popular and well-loved Zinnia. The newer types are far more perfect in form and more brilliant in color than any heretofore grown. This is especially true of the magnificet Dahlia Flowered kinds shown below. Our Giant Flowered varieties also have mammoth flowers — better than ever. We have discontinued entirely the older types and show here only the most improved kinds.

Giant-Flowered Double Zinnias

Plants of vigorous growth, about three feet high, bearing profusely their perfectly formed double flowers, from four to five inches in diameter.

	Pkt.		Pkt.
Scarlet	15	Orange or Golden Yellow	15
Rose	15	Sulphur Yellow	15
Crimson	15	White	15
Purple	15	Striped	15

Vick's Mixture of All Colors, Packet 10 cents.
Your choice of any 3 packets, 40 cents.
Entire Collection of eight colors, $1.00.

Curled and Crested Zinnias

A unique and interesting strain of this popular flower. Each plant is covered with large double blossoms, the petals of which are crested, curled and twisted in most charming and fantastic forms. The range of colors includes all the shades characteristic of other Zinnias. Curled and Crested are desirable as cut flowers.

Mixed Colors packet, 15 cents.

DAHLIA FLOWERED ZINNIA

This new Dahlia Flowered type of Zinnia is one of the greatest improvements in the development of the Zinnias yet produced. The blossoms are the largest we have ever seen in Zinnias and are very full and double, but best of all they are far more graceful and artistic than most Zinnias, being quite similar in shape to the Decorative type of Dahlias. The colors are the most delicate and refined that have yet been developed in this type of flower. Our mixture includes not only all the ordinary shades but many unusual ones not found in any other class. **Pkt., 20 cts.; 3 for 50 cts.**

DAHLIA FLOWERED ZINNIA

NEW CACTUS FLOWERED ZINNIA

This new type of Zinnia is very distictive and is a splendid addition to this very popular and easily grown annual. The illustration gives a very good idea just how the flowers look. The petals, especially when they start to open, are very distinctly quilled, the inside petals always being of a lighter color than the outside and the edges of all the petals being of the lighter shade making a very pleasing and unique effect. In general appearance it somewhat resembles the Cactus Flowered Dahlia but is much fuller and has many more petals. The flowers are unusually large, being greater in diameter than any other Zinnia with the exception of the Dahlia Flowered Zinnia. Packet, 20 cents

LILIPUT ZINNIA

Plants are about one foot high, very compact, and when in bloom are covered with small double flowers. They can be used very effectively either for edging or massing.

All Colors Mixed packet, 10 cents.

THUNBERGIA

One of the best trailing plants for veranda boxes, vases, etc. Neat, compact growth. The pretty flowers, an inch in diameter, are white, buff or yellow with black eye. Mixed Colors. Pkt., 10 cents.

VINCA or Madagascar Periwinkle

Bedding or pot plants with glossy deep green leaves and bright, Myrtle-like flowers. Easily grown from seed and bloom continuously. Annual. One foot high.

	Pkt.
Alba Pura. Pure white	10
Rosea. Rose, with dark eye	10
Rosea Alba. White with rose center	10
Mixed Colors. Rose and White	10

WALLFLOWER

Deliciously fragrant and splendid for cutting. The perennial Wallflower needs protection in the North.

Perennial. (Half hardy). Fine Mixed Colors, Double . . . . Pkt 10
Annual. Flowering first season. Fine Mixed Colors, Single . . Pkt 5

The new Dahlia Flowered and Cactus Flowered Zinnias will delight the most critical flower enthusiast.

Vick's Everlastings

The Everlastings or Eternal Flowers, as they are sometimes called, have again risen to the popular place they so well deserve, and are becoming generally cultivated. The plants do not appear very important when the garden is gay with scores of bright colored annuals and perennials, but in the winter, when the others are all gone, they are greatly appreciated. The flowers should generally be picked as soon as they expand, or a little before, and hung up in small bunches with the heads down, so that the stems will dry straight. In this way they will retain both form and color for years, and make very desirable winter ornaments and bouquets for table decorations.

Acroclinium. One of the most beautiful of the Everlastings. A strong grower, eighteen inches high, bears a great number of pink-rose and white daisy-like flowers, with a yellow center. Should be gathered the first day they open to secure a bright center when dried.
Mixed Colors. ¼ oz., 15 cts.; Pkt., 10 cts.

Gomphrena globosa. (Globe Amaranth). Clover-like flowers, eighteen inches high. Sow seed, thin to twelve inches apart.
Mixed Colors. ¼ oz., 15 c.; Pkt., 10 c.

Rodanthe. Double buds of beautiful form and dainty pink and white color. Gather before fully expanded. One of the prettiest of the Everlastings. Mixed Colors. ¼ oz., 25 cts; Pkt., 10 cts.

Straw Flower. Helichrysum. A hardy annual and one of the best Everlastings. The plant is 2½ feet high and produces large, double daisy-like flowers, with prominent centers and stiff, overlapping scales, which make a fine display in the garden during the summer. When dried, the flowers retain their shape and color for years and, placed in vases or baskets, without water, make splendid winter bouquets and decorations. Plants succeed in any good garden soil if given plenty of space; place at least one foot apart. For drying, cut the flowers when in bud or just before fully open, and hang them, head down, until completely dry.

Fire Ball, red.
Silver Ball, white.
Golden Ball, yellow.
Rose Queen, carmine rose.
Salmon Queen, salmon.
Violet Queen, violet.
Each, per Packet 10 cents.
One packet each, six varieties. 50 cents.
Mixed Colors. ¼ oz., 25 cents; Pkt., 10 cents.

Gypsophila Paniculata (Baby's Breath). Delicate mist-like sprays of tiny white flowers invaluable when dried for use in bouquets of Everlastings. . . . Pkt. 10

(See also pages 69 and 73.)

STRAW FLOWER—HELICHRYSUM

Ornamental Grasses

Ornamental grasses are not only attractive in the flower bed or border in the summer, but are largely used, when dried, in making up graceful, artistic bouquets, baskets and vases for winter decoration in connection with dried everlasting flowers. Large beds and groups of these grasses are used with fine effect in landscape work.

HARDY GRASSES

(For plants see page 74)

Eulalia Japonica Zebrina. (Zebra Grass). 4 to 7 ft. Handsomely striped across the leaves. Fine feathery plumes.
Pkt., 10 cts.

Briza maxima. Quaking Grass. Handsome for winter bouquets. Pkt., 10 cts.

Erianthus Ravennæ. Plume Grass. Hardy Pampas Grass. 4 to 7 feet. The graceful clumps are surmounted by handsome plumes, which are much used for winter decoration. Pkt., 10 cts.

ANNUAL GRASSES

Agrostis nebulosa. Cloud Grass. A very beautiful variety of ornamental Grass. Fine and feathery. Very delicate. Looks like mist when in bloom. Elegant for bouquets. Eighteen inches high. Very useful for decorations when dried.
Pkt., 10 cts.

Coix Lacryma-Jobi. Job's Tears. Two feet high. Corn-like leaves. Grown for the bead-like fruit. Oz., 50 cts.; Pkt., 10 cts.

Pennisetum longistylum. Fountain Grass. Two feet high. Long, slender leaves and greenish-white plumes. For borders of beds, etc. Pkt., 10 cts.

Pennisetum Ruppellianum. Purple Fountain Grass. Three feet high. The purplish plumes are beautiful for bouquets and unequalled as a border for beds of tall plants. Pkt., 10 cts.

STATICE

A Beautiful Everlasting

Sinuata. A very attractive annual useful in fresh bouquets, but especially valuable dried for winter decorations. The flower stems bearing large loose panicles of small flowers rise to a height of about two feet. Very graceful and artistic effects can be secured in using Statice in bouquets and baskets with other Everlastings of different colors and forms. Any of the following colors . . . . . Pkt 10
Blue, Rose, White, Lavender.

XERANTHEMUM

One of the most satisfactory of the Everlastings, with silvery foliage and an abundance of rose white and purple flowers which make a fine show in the garden as well as being excellent for drying. Pkt. 10 cts.

SEEDS OF TENDER PLANTS

It is very fascinating to grow one's own tender plants for the house. A large number of varieties can be grown quite readily from seed. Sow very thinly on the surface, in a box filled with a compost of three parts of rotted sod and one part fine sand. Cover the seed with a little fine earth or sand, and water gently but thoroughly. Place the box, covered with glass, in a warm light place, but avoid direct sunlight. Remove the glass when plants are up, and when they have made two leaves, transplant to a box of similar soil and set in a shady place. After a few days, remove again to the light.

Plants of most of the varieties below, as well as many others, are listed in a section commencing on page 86.

Abutilon. Chinese Bell-Flower or Flowering Maple. A well-known greenhouse shrub which will bloom freely with very common treatment. Seeds sown any time before April in a temperature of about 60 degrees, will produce strong flowering plants the first season. Pkt.
Finest Mixed Varieties 10

Asparagus, Plumosus Nanus. Light feathery graceful foliage plant.
100 seeds, $1.00 25

Asparagus, Sprengeri. Very rapid-growing plant with fine lace-like foliage. 100 seeds, 50 cents 10

Calceolaria. Hybrida grandiflora. The Calceolarias are very beautiful and popular plants, producing masses of peculiar pocket-shaped, striped, blotched, and variegated flowers. They make gorgeous plants for greenhouse or window 25

Cineraria. Brilliant colors, compact habit and easily grown.
Hybrida. Choice Mixed 25
Hybrida grandiflora. From the largest flowered prize varieties . . . 50

Cineraria Maritima Candidissima. (Dusty Miller.) Silver foliage . 10

Coleus. Remarkable for the brilliant colors of their foliage. The choicest varieties 25

Cyclamen Persicum giganteum. Choice strain, large flowers, rich colors 25

Cyclamen Persicum. Choice Mixed 15

Dracaena Indivisa. Long narrow grass-like leaves, very ornamental . 15

Geranium. Fine Mixed 10

Gloxinia hybrida. Best quality; from choice show flowers 25

Grevillea Robusta (Silk Oak) Finely divided foliage covered with silky down 10

Lantana. Finest Mixed 15

Linaria Cymbalaria, Kenilworth Ivy. Lavender and purple. . . . 15

Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks. See also page 58 25

Smilax. A graceful climber for the greenhouse or window. Invaluable for bouquets and floral decorations. 15

With a little care you can grow as beautiful Everlasting flowers for winter bouquets as any you see in florist shops

A FIELD OF HARDY SWEET WILLIAMS ON ONE OF OUR FARMS (See pages 70 and 76)

Vick's Hardy Perennial Flower Seeds

THE perpetual charm of hardy garden flowers has won for them a warm spot in the hearts of all lovers of beautiful gardens. The reasons for their ever-increasing popularity are easily found:

They can be started with remarkable ease. The seed may be sown in the early spring with the annuals or later in the summer during July and August. If sown later, the seed-bed should be in a cool, damp place or the ground should be kept shaded and moist by artificial means until the plants appear.

They adapt themselves readily to nearly all climatic and soil conditions.

Their blooming season is from April to November, making the beauty of the Perennial Garden ever changing as the months pass.

They have a wide range of usefulness. As cut flowers, in making up designs and bouquets, or for border and massing effects in the garden they are very effective.

They are permanent. When once established in good soil, the perennial bears its blossoms for years, growing finer and more beautiful as the seasons pass.

A very complete list of Annuals begins on page 38; a list of hardy plants and bulbs on page 71.

ALYSSUM (For plants see page 71)

Alyssum saxatile Compactum. Gold Dust. Hardy, compact growth, producing a mass of golden yellow flowers in early spring. Of easy culture and much used in rockeries.

¼ ounce, 35 cents. . . . Pkt 10

ACHILLEA (For plants see p. 71)

The Pearl. Large pure double white flowers somewhat resembling Pompon Chrysanthemums. Very hardy. Easily grown from seed . . . . . Pkt 25

ANCHUSA

Anchusa Italica. Dropmore Variety. One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of five feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border. ¼ ounce, 30 cents . . Pkt 10

For plants see page 71

ANTHEMIS

Tinctoria. Golden Marguerite. Pretty, hardy plant with finely divided leaves, growing to a height of two to three feet. Bears, throughout the summer, an abundance of long-stemmed, golden yellow, Daisy-like flowers. Excellent for cutting.

One-fourth ounce, 45 cents Pkt 10

ACONITUM

Fisheri (Monkshood.) Large, Porcelain-blue hood-shaped flowers, very effective in borders. Valuable for cutting. Two feet high Pkt. 10

Stitzer, Wis., Mar. 21, 1924.

"I have used your seed for over 20 years and have found them never failing. I never had a real good garden when I failed to plant Vick seed, I will always make it a point to use no other kind of seeds." *Mrs. L. W. L.*

LONG SPURRED AQUILEGIA OR COLUMBINE

AMPELOPSIS (For Plants see p. 79)

Veitchii - Boston Ivy. A small leaved hardy vine which clings closely to any wall or house forming a handsome covering of foliage. Pkt. 10

AQUILEGIA, Columbine

One of the most beautiful of the hardy perennial plants. The graceful and peculiarly shaped flowers are borne on slender stems well above the handsome foliage. Plants grow two to three feet high. Seed sown any time up to midsummer will produce plants that will begin to bloom the following May. Perfectly hardy and of easy culture. For plants see page 72

Pkt.

Chrysantha. Beautiful canary yellow from New Mexico and Arizona 10

Cœrulea, Rocky Mountain Columbine. Sky blue and white. Superb. ⅛ ounce, 50 cents. 10

Skinneri. Yellow, with scarlet spurs; the sepals greenish orange. Beautiful. 10

Vick's Long-spurred Hybrids. A beautiful strain of large flowered hybrids, comprising a great variety of colors in blue, white, yellow, pink, scarlet and orange. 15

Single, all colors mixed.
¼ ounce, 50 cents. 5

Double, all colors mixed.
¼ ounce, 50 cents. 5

ANEMONE (For plants see p. 71)

Coronaria, Poppy Anemone. Pleasing hardy plants, fine for herbaceous border or bed, 10 inches high. Mixed colors . . . Pkt 10

ARABIS (For plants see page 71)

Alpena, flora plena-Rock Arabis. Charming low growing very early spring flowering plant, splendid for edging or for the rockery. Double pure white flowers . . . . Pkt 10

BAPTISIA

Australis. Plant two feet high bearing lovely racemes of light blue pea-like blossoms, appearing in midsummer. . . . . Pkt 10

We make a specialty of Hardy Perennial Plants. We ship direct from our greenhouses to assure arrival in good condition

CANTERBURY BELLS
SINGLE AND DOUBLE

CAMPANULA or Bell Flower

There are two general classes of Campanulas, hardy biennials, which blossom from seed the second year, and perennials. The biennials are the better known, and include the very popular Campanula Medium or Canterbury Bell, and Campanula Calycanthema, or Cup and Saucer. Campanula Carpatica, Pyramidalis or Chimney Bell Flower, and Platycodon Grandiflora are perennials
For plants see page 72.

Pkt

Canterbury Bell. Campanula Medium. Flowers large. Plants two feet high; blooms in July.

Single or Double Flowered, Mixed Colors. 10
Single, Pink. A soft, delicate shade. One of the most beautiful of all hardy flowers 10
All Varieties Mixed 10

Cup and Saucer. Calycanthema. Beautiful form of Canterbury Bell with a large "saucer" at the base of the flower. Two feet high. **Pink, blue and white, mixed** 10

Carpatica. Six inches high, blooming the whole season. **White and blue, mixed** 10

Pyramidalis. Chimney Bell Flower. Pyramidal plants three feet high, bearing hundreds of beautiful cup-shaped flowers. **Blue, white or mixed, each** . . . 10

Grandiflora Platycodon. Large broad bell-shaped, showy, deep blue flowers . 10

HARDY CANDYTUFT (For Annuals see page 49)

A very desirable, neat, low-growing evergreen plant; fine for borders or rockery. Flowers pure white.

Gibraltarica. Large, showy flowers; lilac, shading to white. One to two feet in height. Blooms in April and May. **1-16 ounce, 50 cents** . . . . . Pkt 10

Iberis sempervirens. White, 8 to 10 inches high. Early Spring, **1-16 ounce, 50 cents** . . Pkt 15

COREOPSIS Tickseed (For Annual varieties Calliopsis see page 39)

One of the best hardy perennials. Used extensively for cut flowers. Very free-flowering, blooming from June to October. The large, showy, golden-yellow flowers are borne on long stems, and will last a week or more when cut. Will bloom the first year if seed is sown early. For plants see page 72.

Grandiflora. Will grow anywhere. Two to three feet high. Fine for cutting. . . . . Pkt 10

DOUBLE DAISY or Bellis Perennis (For Shasta Daisy see page 70)

The well-known English Daisy. Seed sown any time from June to August will produce flowers early the following spring. Transplants readily. Set about six inches apart.

Longfellow. Large, rose-colored flowers. **Snowball.** Large, pure white. . . . . Pkt. 10
Mixed Colors . . . . . Pkt. 10

MONSTROUS A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts. We expect this strain to soon supercede entirely the older varieties. **White, Rose, Red, Delicata Rose, Mixed, Each** . . . . . Pkt. 15

DELPHINIUM or LARKSPUR (See also pages 52 and 72)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative, and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water.

Formosum. Large flowers of deep, brilliant blue, white eye. Three to four feet 10
Formosum cœlestinum. (Pillar of Beauty). Beautiful shade of light sky blue; flowers large; spikes long. Plants three to four feet in height 10
Nudicaule. Bright scarlet; native of California. One to two feet 10
Chinese Sinensis. Fine. Two to three feet. Blue, white, and pink, mixed. 10
Large-flowering Hybrids. Three to six feet high. Flowers of various shades; very showy Finest varieties mixed. Extra fine stock 10
Belladonna. By far the finest Delphinium yet produced. Flowers large, light blue, borne on stately tall spikes 10

HARDY GAILLARDIA (See also pages 52 and 72)

Gaillardia Grandiflora. The plants and flowers of the perennial Gaillardia are very much larger than those of the annual. The colors are exceedingly brilliant. They include the richest shades of crimson, scarlet, orange and yellow, contrasting beautifully with the brown centers. The plants are perfectly hardy and easily grown from seed. If seed is sown early the plants will bloom the first year. June until frost. **Mixed Colors. ¼ Oz., 30 cents** . . 10

VICK'S HOLLYHOCKS (For plants see page 73)

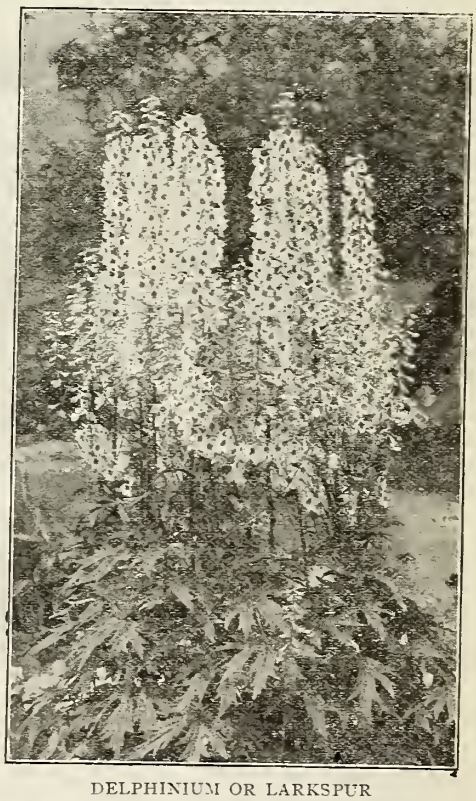
We feel justly proud of our special strain of Double Hollyhock grown on our farms. In all our experience we have never seen a greater variety of colors, from the most delicate pink to deep maroon; all immense, perfectly double flowers. No garden is complete without a few of these stately, hardy plants from six to eight feet high, used as a background or in the border with shrubs or other hardy plants. Seed sown in the early summer will produce blooming plants the second season. July-Sept.

Pkt.

Hollyhock, Double. Four to five feet high. Very double and fine, from the best named collection in Europe. **Pink, rose, scarlet, yellow, crimson, flesh, white. Any Color** 10
Mixed Colors. Ounce, $1.50; ¼ ounce, 50 cents. 10
Newport Pink. The finest double pink variety in cultivation. Color similar to that of the famous "America" Gladiolus. Planted with "Pillar of Beauty" Larkspur the effect is strikingly beautiful. 15
Allegheny. Six to seven feet high. Flowers very large and beautifully fringed. Single and semi-double. Has a long season of bloom, and the plants are taller and less subject to rust than the double varieties. **Mixed Colors** 10
Hollyhock, Single, mixed colors 5

HONESTY—Satin Flower

Lunaria. (Moonwort). Hardy biennial, prized for its curious attractive silvery white seed pouches, used for winter decoration 10



DELPHINIUM OR LARKSPUR

Every well-balanced garden needs perennials, for the border, scattered through shrubbery, in the corners, everywhere

CERASTIUM, Snow-in-summer

For Plants See Page 72.

Tomentosum. A very attractive dwarf-growing perennial, very useful for edging, rockeries, or for carpeting dry sunny spots or for covering graves It is covered with white flowers in June. Foliage, silvery. . . . . Pkt 10

DICTAMNUS or Gas Plant.

A very hardy, useful perennial about 3 feet tall hearing beautiful spikes of flowers in May and June. It is a most persistent grower, coming up year after year. A single clump has been known to outlive father and son. Very effective in separate clumps or in the mixed hardy horder. An interesting thing about this plant is that in the early evening it exudes a kind of inflamable gas which will sometimes make a faint flash of light when ignited; hence the name Gas Plant.

Albus. Spikes of attractive pure white sweet-scented flowers . . . . Pkt. 10
Fraxinella. Beautiful plant with ash-like foliage, and spikes of red, purple-veined flowers . . . . . Pkt. 10

CHINESE LANTERN PLANT

Physalis Franchetti. A very interesting plant 1½ ft. high bearing yellow flowers with dark centers which produce highly ornamental haloon-like husks which turn bright red and resemble paper Chinese lanterns . . . . . Pkt 10

CLEMATIS (For plants see p. 79)

Paniculata. The well-known and beautiful hardy climber, covered each season with large clusters of pure white star-shaped flowers of delightful fragrance. . . . . Pkt 10

CORNFLOWER ASTER, Stokesia Cyanea

This flower, about 18 inches high, hears freely, from early July until frost, its handsome Centaurea like blossoms, each measuring from four tofive inches across. It is of the easiest culture, succeeding in any open, sunny position, and is not only desirahle as a single plant in the mixed hardy horder, hut can be used with fine effect in masses or heds of any size. We have no hesitation in saying that the Corn-flower Aster is one of the most beautiful, valuahle and desirable of hardy plants. **Packet, 10 cents. For plants see page 72**

HARDY CHRYSANTHEMUM

See also pages 50 and 83.

Maximus. Considered the finest of the perennial Chrysanthemums, with daisy-like flowers of extraordinary size, pure white, very free flowering Pkt 10

DIGITALIS or Foxglove

For Plants, description and illustration see page 72.

Perfectly hardy. Sow the seed in spring in the garden, and transplant as desired. Blooms June-August. **¼ ounce, 40 cents. White, Rose Pink, Purple, Yellow, or mixed colors, each . . . . . Pkt. 10**

MYOSOTIS or Forget-Me-Not (For plants see page 73)

Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid- summer will produce plants that will hloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering; they are practically biennial. Pkt.

Alpestris. Blue. Grows six inches high. Blooms in April 10
Alpestris alba. White. Grows six inches high. Good for horders . . . 10
Alpestris rosea. Light pink. Grows six inches high. 15
Alpestris, Indigo Blue. New, very fine. A deep indigo hlue 10
Alpestris robusta grandiflora (Eliza Fonrobert). Large-flowering, of pyramidal hahit. Very fine. Blue, with clearly defined yellow eye. 10
Alpestris, Victoria. Sky blue, dwarf. Plants globular 10
Palustris (True Forget-me-not). Blue, with yellow eye. Perennial. 15
Mixed Varieties. Seeds of the above varieties mixed 5
VICK'S PERFECTION. The finest Myosotis known. Large, hright hlue flowers. As an edging plant for heds or the shruhbery border it really has no superior. Plant robust, nine inches high. 15

GENTIANA

Acaulis. A heautiful dwarf-hardy plant, very useful for horder or rockery, 4 inches tall; large hell-shaped flowers of rich deep hlue. Spring blooming **Per packet, 10 cts.**

HEUCHERA --- Alum Root

Sanguinea. Scarlet crimson flowers horne on long stems two feet high in July and August. . . . . Pkt. 15

HARDY LYCHNIS (For plants see page 73)

Excellent hardy plants, of easy culture, commonly known as Lamp Flower, Ragged Rohin, etc. To obtain good flowers the first summer, sow the seed inside and transplant as early as possihle. Pkt

Chalcedonica, Maltese Cross, Jerusalem Cross. Fine old-fashioned flower. Two feet high, with heads of brilliant scarlet flowers. During spring and early summer 10
Haageana hybrida. Finest of the Lychnis family. One foot in height. Mixed Colors 10
Viscaria splendens. Flowers crimson. One and one-half feet high . 10

GYPSOPHILA OR BABY'S BREATH (CLOSE VIEW)

GYPSOPHILA or Baby's Breath (See also pp. 52 and 73.)

The delicate, mist-like sprays of the Gypsophila are invaluahle for houquets. They serve to lighten the effect of the masses of other flowers, and are especially useful with Sweet Peas, and other flowers that cannot readily he cut with their own foliage. Blooms July and August. Two feet high.

Paniculata. Baby's Breath. One of the hest hardy perennials. Easily grown and blooms the first season from seed. Flowers white. Splendid for cutting and can he dried like strawflowers. . . . . Pkt. 10

HIBISCUS --- Rose Mallows (For Plants see p. 73)

Tall, shruh-like, hardy plants with showy flowers of various colors. Three to five feet high. Blooms from July to Septemher. Pkt

Crimson Eye. Large creamy white flowers with crimson eye 10
Moscheutos. Showy light rosy pink flowers with darker center . . . 10
Militaris. Delicate flesh pink flowers deepening in color toward center . 10
Mixed. 10

KUDZU VINE

Pueraria Thunbergiana. (Jack and the Bean Stalk) Probably the most rapid growing hardy climber in existence. When once established it often makes a growth of 50 feet in a single season. The first it will grow 8 to 10 from seed. The large bright green leaves make a dense screen. It hears small racemes of rosy-purple, pea-shaped hlossoms in August It will flourish where nothing else will grow . . . . . Pkt. 10

LUPINUS (For plants see p. 74)

Polyphyllus. Easily grown, hardy plants about three feet high with long spikes of pea-like flowers of various colors . . . . . Pkt 10

LOBELIA CARDINALIS (See also pages 53 and 73)

Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started with heat. Blooms August and September . . . Pkt 15

LATHYRUS - Perennial Peas (For plants see page 73)

Lathyrus Latifolius. One of the most useful and satisfactory perennial plants. Excellent for covering old stumps, fences, etc. Very hardy. White, Rose and Red . . . . . Each, packet 10
Mixed colors, ... oz., 50 cts. . . . . Packet, 10

LYTHRUM (For plants see page 73)

Roseum Superbum. A very pretty hardy perennial with large spikes of rosy flowers horne on strong shruh like plants, 3 feet high. . . Packet 10

Dictamnus or Gas Plant is a very interesting and valuable hardy perennial and should be planted more extensively.

ORIENTAL POPPY

PERENNIAL POPPIES (See also pages 49, 59 and 74)

Iceland Poppies are perennial, but blossom the first year from seed, if sown early. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy (annual), and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut-flowers, lasting well if cut when the buds are opening. Bloom from June to October. Pkt.

Pure White, Yellow and Orange, in separate packets, each 15

One packet each of the three above colors 35

Above colors mixed, per packet 10

Oriental. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. The plants bloom in June. Perfectly hardy and easily grown from seed. Sow seed from April to June 10

Excelsior Hybrids. A grand mixture of colors in hybrids of the Oriental Poppy. The result of several years careful selection. Ranges from the most delicate salmon to deep crimson. . 25

PRIMROSE (See also pages 58 and 89)

Hardy Primroses succeed best in a northern border. Sow seeds where they can be kept shaded and watered as they require a long time to germinate. Pkt

Primula auricula. Fine Mixed. 25

Primula elatior. (Polyanthus.) Fine Mixed 10

Primula vulgaris. True English yellow primrose. 15

PYRETHRUM—Persian Daisy (See also pages 59 and 74)

Hardy perennial plants of easy culture with beautiful, large single and double, daisy-like flowers, three to four inches across, in a variety of brilliant colors. The flowers are borne on long stems and are splendid for cutting. The plants have a long season of bloom. Grow two feet high.

Single Large-Flowering. Mixed colors . . . . . Pkt 10

Double Large-Flowering. Mixed colors . . . . . Pkt 25

Yellow-Leaved or Golden Feather. Dwarf plants about eight inches high. . . . . Pkt 10

PHYSOSTEGIA—False Dragoon Head (Plants on page 74.)

Virginica. Beautiful summer flowering perennial, bearing long spikes of bright pink flowers. 10

RUDBECKIA—Cone Flower

Purpurea, or Giant Purple Cone Flower. Flowers reddish wine-purple. Two to three feet high. Blooms from June to October. Beautiful and lasting as cut flowers 10

Newmani. Single golden-yellow flowers with black center 10

PENTSTEMON

Barbatus. Handsome spikes of bright scarlet flowers; three feet high 15

THERMOPSIS

Carolianina. Magnificent tall growing plant, about 5 feet high, with clover like leaves. Large spikes of golden-yellow, pea shaped flowers. 15

HARDY SCABIOSA (See also pages 64 and 76)

Caucasica. One of the best of the hardy perennials. The large flowers are a beautiful soft lilac color and are borne on long stems. 2 to 3 ft. . . 15

Japonica. Beautiful artistic lavender-blue flowers about two feet high . 15

SHASTA DAISY (For plants see page 76)

A very hardy perennial, blooming better and more abundantly each season, and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne singly on long, stiff, wiry stems. The blooms, when cut, remain perfectly fresh and in good condition for two weeks or more. Blooms from July to October . . Pkt. 10

SWEET WILLIAM (For plants see page 76)

This beautiful sturdy old favorite is one of our specialties. We grow it in large quantities. Seed may be sown at any time from spring to mid-summer. Blooms the second season during June and July. Perfectly hardy Pkt.

Holborn Glory. Large flowers in beautiful shades, with center and margin of white 10

Dunnetti. Deep blood red. Rich, velvety texture 10

Pink Beauty. A beautiful salmon pink 15

Scarlet Beauty 10

Single White. 10

Double White 10

Single Mixed. (Perfection.) All colors. 10

Double Mixed. All colors 10

VALERIANA (For plants see page 76)

Rubra. Long spikes of fragrant bright red flowers, two feet high, excellent for border 10

Alba. Pure white flowers 10

VERONICA—Speedwell (For plants see page 76)

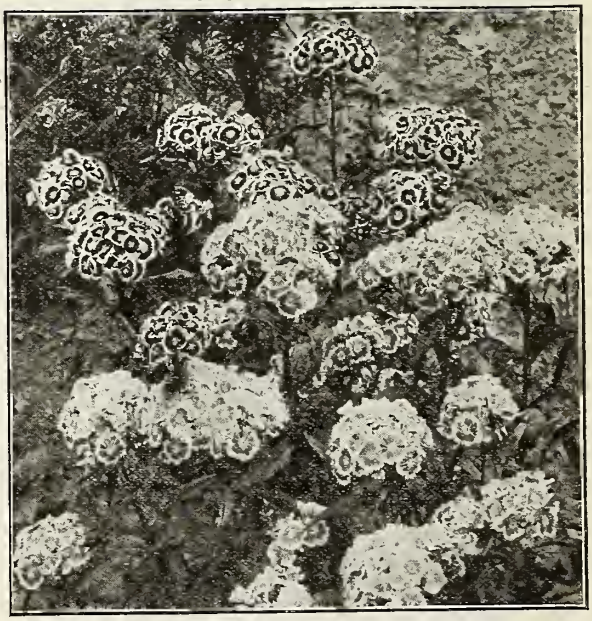
Spicata. Delightfully pretty blue flowers in long spikes 10

Longifolia Subsessilis. A fine autumn blooming plant, two feet high. Flowers rich violet blue 15

Speedwell Mixed. 10

YUCCA (For plants see page 76)

Filamentosa. A strikingly decorative plant; long narrow sharp pointed leaves and large spikes of creamy white bell-shaped flowers 15



BEAUTIFUL, FRAGRANT, OLD FAVORITE SWEET WILLIAM

We have had the experience of three quarters of a century in growing, packing and shipping seeds, plants and bulbs

Some glimpses of our greenhouse farms where we grow our Plants, Bulbs and Shrubs.

HARDY PLANTS AND BULBS

HARDY PERENNIALS are like old family friends; they never leave us, but grow more and more beautiful and beloved as the years roll by. Year after year they come up to greet us with the charming beauty and gorgeous coloring of their flowers and foliage, just as they greeted our mothers in the days of yore. Where can one find plants so attractive, so appealing to the eye, which can be put to so many uses? For the border they are most satisfactory, for filling in the front of shrubbery they are unexcelled, and for massing on the lawn they are superb.

With a little care you can have a profusion of interesting and enchanting blooms from early April to late November. Prolong the blooming period by keeping the flower stalks cut out close to the ground and not permitting them to form seed. Most early-flowering varieties will bloom again in the fall if cut back close after their first blooming period. After the first hard frost in the fall, cut down the tops to within three inches of the ground and give the bed a good coat of half-rotted manure which will protect the plants and enrich the soil; dig this under in the spring before new growth starts.

We prepay Parcel Post or Express charges on Hardy Perennial Plants to all points east of the Mississippi River. For points beyond you need not send postage in advance. The slight additional amount will be charged when we ship.

Seeds of Perennial Plants are shown in this catalogue in a section commencing on page 67.

ACHILLEA or Yarrow (For seeds see p. 67)

The Pearl. The blossoms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for garden or for cemetery decoration. Blooms nearly the whole season. Heigth about 2 feet. **Each 30 cents; dozen, $3.00**

Millefolium roseum. Foliage very finely cut; flowers pink. Blooms continuously. 18 inches high. . . . . **Each, 25 cents; dozen, $2.50**

Tomentosum. Bright yellow flowers. Very fine for rockeries. Blooms in June, height about 12 inches. . . . . **Each, 25 cents; dozen, $2.50**

ALYSSUM (See also pages 47 and 67)

Saxatile compactum — "Basket of Gold." An indispensable plant for the rockery or border, growing one foot high and producing, in May, masses of broad flat heads of bright yellow flowers.
. . . . . **Each, 25 cents; dozen, $2.50**

ANEMONE (For seeds see p. 67)

Whirlwind. This double variety has the habit, and all the other good qualities of the Single White Japan Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are two and one-half to three inches across, and have several rows of white sepals. The plants grow from two and one-half to three feet in height. **Each, 30 cents; doz. $3 00**

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flower semi-double, broad, perfectly formed, and of a delightful shade of silvery pink. . . . . **Each, 30 cents; dozen, $3.00**

Japonica alba. Flowers pure white with yellow center, single.
. . . . . **Each, 30 cents; dozen, $3.00**

ARABIS or Rock Cress (For seeds see p. 67.)

Alpena. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Excellent for cutting, lasting a long time in bloom. Blooms early spring . . . . . **Each, 25 cents; dozen, $2.50.**

NEW ANCHUSIA ITALICA (For seeds see p. 67)

DROPMORE VARIETY

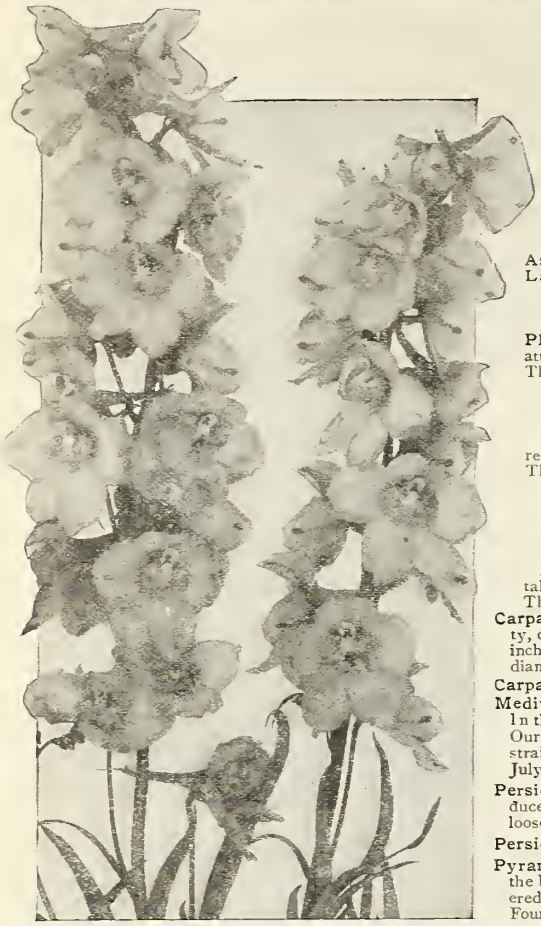
One of the most valuable of the recent introductions. The plants are vigorous and branching, growing from three to five feet in height. The flowers are borne on long, pyramidal, graceful spikes; color beautiful, clear, bright blue, a shade peculiar to this variety. Its blooming season is in June and July.
. . . . . **Each, 30 cents; dozen $3.00**

AEGOPODIUM (Bishop's Weed)

Podagiaria variegata. A rapid growing, attractive green and yellow variegated foliage plant. Splendid for borders. Thrives in any soil. One foot high. **Each, 25 cts; dozen, $2.50.**

ANEMONE—"WHIRLWIND"

We ship plants direct from our greenhouses to you thus assuring their arrival in the best possible condition



DELPHINIUM OR HARDY LARKSPUR

AQUILEGIA or COLUMBINE

(For seeds, illustration and full description see page 67)

Each, 30 cents; dozen, $3.00.

Chrysantha. The beautiful golden-yellow Columbine.
Cœrulea. The true Rocky Mountain Columbine. Flowers azure blue and white.
Skinneri. Petals yellow with long scarlet spurs. Unusually attractive for any purpose.
Erskine Park Hybrids. Beautiful hybrids. A fine selection of the most popular colors.
Single Mixed. All colors a fine mixture. **Double Mixed.** Flowers large, full and double.

BOLTONIA

Among the showiest of our native hardy perennials. Attains a height of four to five feet, with single aster-like flowers in large clusters. When in full flower (and it remains in bloom a long time) it is a wonderfully handsome shrub-like plant.

Asteroides. Pure white . . . . . Each, 25 cents; dozen, $2.50
Latisquama. Lavender Pink. . . . . Each, 25 cents; dozen, $2.50

CHINESE LANTERN PLANT (For seeds see p. 69)

Physalis Franchetti. An ornamental variety of Winter Cherry grown principally for its very attractive baloon-like husks or pods, which turn bright red and resemble Chinese paper lanterns. These may be dried and last forever, making splendid winter decorations. Ea., 35c.; doz., $3.50.

SUMMER FLOWERING CROCUS

A new interesting hardy plant originally from California. It is dwarf with ornamental, dark green red-like foliage, creamy-white, star-shaped flowers two inches across, borne on slender wiry stems. The petals are of a thin delicate texture giving it a unique transparent look.

Each, 20 cents, dozen, $2.00.

CAMPANULA or Bell Flower (For seeds and illustration see p. 68.)

Each, 30 cents; dozen, $3.00.

An indispensable, always popular hardy plant that grows in great variety of forms. Some are tall, stately and imposing and others are dwarf and compact, suitable for edging rockeries, etc. They flower best in a half-shady location.

Carpatica. (Carpathian Hare-Bell.) A pretty, compact species, not exceeding eight inches high flowers clear blue, one inch in diameter. Blooms from June to last of Oct.
Carpatica Alba. White flowers.
Medium. Old fashioned Canterbury Bell. In three colors, pink, blue and white. Our stock has been grown from the finest strain of seed. Two to three feet., June-July.
Persicifolia. Grows 1½ feet high, and produces a great number of blue flowers in loose clusters from June to July.
Persicifolia alba. A white form of the above
Pyramidalis. A most attractive plant for the border, forming a perfect pyramid, covered with large, blue and white flowers. Four to six feet. Blooms in August.
Pyramidalis alba. Same habit as Pyramidalis, but the flowers are white.

DELPHINIUM or Hardy Larkspur (See also pages 52 and 68)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. **Each, 30 cents; doz. $3.00.**

Formosum. A most brilliant deep blue, the finest blue flower known among our hardy plants. 3 to 4 ft.
Formosum Collestinum. A charming delicate blue.
Bee Larkspur. Interesting for the manner in which the petals are folded up in the center of each flower so as to resemble a bee. Flowers of lighter shade than Delphinium Formosum.
New Gold Medal Hybrid. The most magnificent variety of colors and types-double, single, semi double in all shades and combinations. Illustrated in color on inside front cover.
Belladonna. The finest light blue Delphinium yet produced.. Flowers very large on long erect spikes.

CERASTIUM or "Snow in Summer" (For seeds see p. 69.)

Tomentosum. A very pretty dwarf, white-leaved edging plant, bearing small white flowers. Fine for rockery. Blooms in May and June. Each 25 cents; dozen, $2.50.

COREOPSIS (For seeds see p. 68)

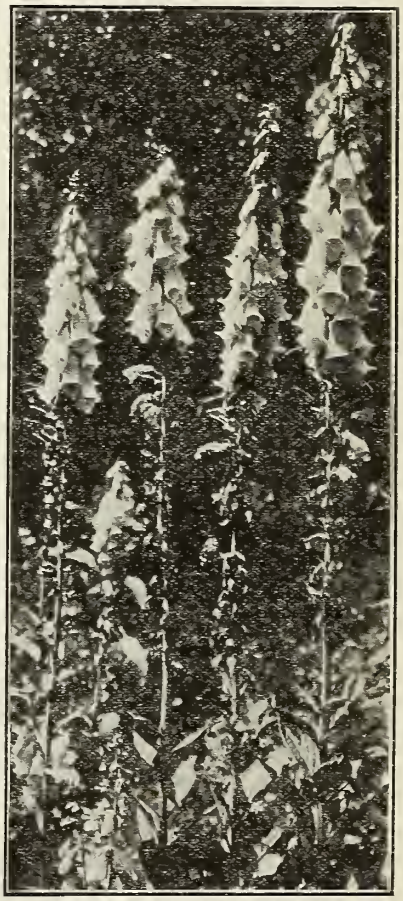
Lanceolata Grandiflora. A most popular hardy plant. Flowers are rich golden yellow in color, graceful and invaluable for cutting. Blooms very abundantly during the last of June and continues in flower during the entire summer and autumn. 18 to 24 inches. **Each, 30 cents; dozen, $3.00.**

CORNFLOWER ASTER or Stokesia Cyanea

Valuable native hardy plant of easy culture. Large, handsome flowers of lavender blue, borne profusely from July until frost. 18 inches. For seeds see page 69. **Each, 25 cents; dozen, $2.50.**

DIGITALIS or Foxglove (For seeds see p. 69)

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower stems at least three feet in height. They are fine for the mixed border, or planted single in half-shady places near a walk or drive. The racemes of the flowers are often two feet in length, containing scores of prettily-spotted thimble-shaped flowers. Perfectly hardy. **Pink, white and purple. Each, 30 cents; dozen, $3.00.**



DIGITALIS or FOXGLOVE

Strong, well-grown Vick Quality Plants, carefully packed, by Parcel Post or Express, can be sent anywhere

GAILLARDIA GRANDIFLORA OR BLANKET FLOWER

GAILLARDIA or Blanket Flower (See also pages 52 and 68)

Grandiflora. Among the most attractive and effective of our hardy perennial plants. Will thrive in almost any position or in any soil. One mass of bloom from June till autumn. The gorgeous flowers, two to three inches in diameter, dark red-brown in center, with bands of crimson-orange and vermillion, are borne on stems, eighteen to twenty-four inches long. When used for filling in front of shrubbery Gaillardia adds a dash of color which is very effective. **Each, 30 cents; dozen, $3.00.**

FORGET-ME-NOT (For seeds see p. 69)

Myosotis palustris. The true perennial Forget-me-not. A variety that is always in flower. **Each, 25 cents; doz. $2.50.**

GYPSOPHILA—Baby's Breath

For seeds and illustration see page 69; for annual varieties see page 52.

Paniculata. Gypsophilas are valuable for bouquet making, either green or dried They are very graceful and easily cultivated. Should be in every garden. Flower white. Plants two feet high. Blooms, July and Aug. **Each, 30 cents; dozen, $3.00**

HELENIUM—Sneeze Weed

Autumnale superbum. Valued for its profusion of golden yellow flowers. Long season of bloom and useful for cutting. Plants five feet high. **Each, 25 cents; dozen, $2.50.**

HELIANTHEMUM VULGARE—Sun, or Rock Rose

A most desirable hardy, evergreen, low-growing plant. Suitable for the border, rockery or a dry, sunny location. During the months of July, August and September, the plants are covered with a mass of blooms of various colors. **Each, 25 cents; dozen, $2.50.**

HELIANTHUS—Hardy Sunflower (For Annuals varieties see p. 71)

These varieties of Helianthus are perfectly hardy in this locality, but in colder regions a protection of coarse litter will be required. The plants attain a height of about four feet, and in their blooming season, August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a Dahlia; they are very satisfactory for cutting.

Each, 30 cents; dozen, $3.00.

Helianthus latæfrons. Plant of distinct habit, forming a pyramid of lovely flowers and foliage. Flowers, golden-yellow, single.

Maximiliana. Golden-yellow, with reddish brown center. Single.

Multiflorus. (Double hardy Sunflower.) Large, double Dahlia-like, golden-yellow flowers in great profusion during July and August. Grows about four feet high. Very beautiful.

Rigidus. Single. Fine upright habit of growth. Light yellow maroon center. About three feet high.

HOLLYHOCKS (For seeds see p. 66)

Double Hollyhock. This flower is justly becoming more popular every day. We have excellent healthy plants, grown from seed, that will flower the first summer. Give the plants a light covering of coarse litter for winter protection. In six separate colors—White, red, pink, purple, yellow, maroon **Each, 30 cents; dozen, $3.00.**

"Allegany." New Fringed Perpetual-Blooming. The flowers come single, semi-double, and double. They are seldom less than five inches across, and are beautifully fringed, of fine form and delicate texture. Two to four buds form at the base of each leaf, where the old style Hollyhocks have but one or two. These buds open in succession, prolonging the flowering season until autumn. Fine plants that will bloom the first season. Mixed colors. **Each, 30 cents; dozen, $3.00.**

HIBISCUS—Rose Mallow (For seeds see p. 69)

Tall, hardy, free blooming, with showy flowers. Height from three to five feet. July to Sept. **Each 30 cents; dozen, $3.00.**

Crimson Eye. The flowers are immense in size. The coloring is of the purest white, with a large deep spot of velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers during the season.

Militaris. Delicate flesh pink flowers, tinged with a deeper color toward the center.

Moschentos. Flowers six inches in diameter, light rosy red, with a dark center.

LOBELIA—Cardinal Flower (See pages 53 and 69)

Cardinalis. An excellent border plant; it grows two feet high and produces rich, fiery cardinal flowers from early in August until late in September. The plants will thrive in any ordinary garden soil, but prefer a moist, deep loam where they will not suffer from drought.

Each 25 cents; dozen, $2.50.

LYCHNIS (For seeds see p. 69)

Chalcedonica—Maltese Cross—Jerusalem Cross. A most beautiful hardy perennial, growing three feet high, and producing brilliant scarlet flowers all summer long Very desirable for mass planting and for a combination of colors in the border. **Each, 30 cents; dozen. $3.00.**

Viscaria splendens. Single rosy-pink flowers, very showy; blooms in June. **Each, 30 cents; dozen, $3.00.**

LYTHRUM Roseum Superbum

A strong-growing, shrub-like plant, producing large spikes of rose-colored flowers from July to September. Grows three to four feet high.

Each, 25 cents; dozen, $2.50.

HARDY CANDYTUFT (For seeds see page 68)

Iberis sempervirens. A very useful low-growing practically evergreen plant excellent for rockery and border The pure white flowers are borne in great profusion on umbrella like spikes. 8 to 10 inches high. Fine for cemetery planting. One of the best perennials. Perfectly hardy in any climate. **Each, 25 cents; dozen, $2.50.**

LATHYRUS—Perennial Peas (See pages 63 and 69)

One of the best of the perennial climbers. It is very hardy and will succeed in almost any location. It produces clusters of large flowers which remain in bloom for a long while. Rose or Crimson. **Each, 25 cts; dozen, $2.50.**

HIBISCUS—Rose Mallow.

Gaillardia Grandiflora or Blanket Flower blossoms all the summer long and makes a gorgeous show of color in the garden

TRUE FLAG IRIS

PENTSTEMON (For seeds see p. 70)

Most useful hardy perennial, blooming from June until autumn. Very fine for border or rockery. Flowers born on tall spikes, resembling Gloxinias. Grows about three feet high
Coerulea. Flowers blue. **Each, 30 cents; dozen, $3.00.**

PHYSOSTEGIA
False Dragon-Head

One of the most beautiful of our summer flowering perennials, bearing long spikes o globular shaped flowers resembling a giant feather. **Each, 25 cents; dozen, $2.50.**
Virginica. A bright pink. Four feet. **Virginica alba.** White. Two feet.
Speciosa. A very delicate light pink. Grows four to five feet high.

HARDY PINKS (See also page 51)

These pinks are perfectly hardy, and will remain in the open ground all winter without protection.

Field grown plants, each, 35 cents; dozen, $3.50.

Comet. A fine shade of red; flowers double, clove scented.
Her Majesty. Flowers very large, fringed, very double, and pure white. Fragrance delicious, clove scented. Long stiff stems support the flowers.
Souvenir de Salle. Soft rosy pink; large as a carnation; beautifully formed and very double.
White Reserve. A nicely fringed white. Always in bloom.

HARDY POPPY (See pages 59 and 70)

(Illustration on page 70.)

Iceland Poppies. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy, and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut flowers, lasting well if cut when the buds are opening. **White, yellow, and orange. Each, 30 cents; dozen, $3.00.**

Oriental Poppies. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening.

The plants bloom in June, and they disappear during July and August, to reappear again in the fall. **Each, 30 cents; dozen, $3.00.**

HERBS (For seeds see p. 16)

English Lavender. Each, 25 cents; dozen, $2.50.
Mammoth broad-Leaved Sage. Each, 25 cents; dozen, $2.50.

THE IRIS, or Fleur-de-Lis

THE IRIS, or Flower-de-Luce, the *Fleur-de-lis* of the French, is one of the most beautiful of hardy garden plants. There are several distinct species of these plants, natives of different regions, each representing many garden varieties, the flowers of which are of peculiar and handsome form, beautifully colored and marked, and equaling in beauty the most showy orchids. The plants are hardy in the garden. Some kinds are desirable for the greenhouse.

Iris will grow almost anywhere; in out-of-the-way corners, among shrubbery, or wherever they have a reasonable amount of soil and moisture. They require very little care, and will remain in the ground from year to year, gradually spreading, and increasing the size and beauty of the floral display. It is best to divide the roots every two or three years.

TRUE FLAG IRIS Fluer-de-Lis

Perfectly hardy. They bloom in May and June, when there is a scarcity of other flowers. Plant three inches deep.

Each, 25 cents; dozen, $2.50.

Celeste. Standard and falls delicate azure blue.
Gesneriana. White and lavender.
Madame Chereau. White, daintily edged light blue.
Madcap. Lavender and purple.
Souvenir. Old gold and purple, tall grower.
Pharaon. Blue, shaded rose color.
Florentina. White lavender vein.
Canary. Rich yellow.
Atropurpurea. Old blue, very fine.
Velveteen. Golden bronze and rich purple.

JAPANESE IRIS

The flowers of the Japan Iris are of the richest colors, ranging from white to purple, with delicate markings and veinings and quite different in form from those of the True Flag Iris, being much flatter and larger. Named varieties, all double. Blooms just after the True Flag Iris.

Each, 30 cents; dozen, $3.00,

Blue Danube. Deep indigo blue, violet shadings.
Gold Bound. Pure white.
Hyde Park. Reddish purple, striped white.
Mahogany. Dark red, shaded maroon.
Mars. Reddish purple, striped and blotched white.
Paragon. Rich velvety purple.
Pyramid. Lilac blue, veined white in center of each petal.
Spotted Beauty. White spotted with violet crimson.

ORNAMENTAL GRASSES

For seeds, see page 66,

Ornamental Grasses are very effective in borders and in clumps among shrubbery. They grow very easily and when once started, practically take care of themselves. **Each, 30 cents; dozen, $3.00.**

Eulalia. Handsome, tall, ornamental grasses for the open lawn, or for clumps in the borders of shrubbery. Leaves beautifully variegated.
Eulalia Japonica zebrina. Stripe across the leaf instead of lengthwise.
Eulalia Japonica variegata. Leaves beautifully striped length-wise.
Eulalia univittata. The most beautiful of all Eulalias. Foliage narrow, dark green, with a silvery white midrib.

LUPINUS, Lupine (For seeds see p. 69)

Polyphyllus. Strong plants, about three feet high, with long spikes of pea-like flowers in early summer.

Mixed colors. **Each, 30 cents; dozen, $3.00.**

MONARDA DIDYMA

An exceptionally fine, hardy perennial for planting in the garden or in a mixed border. The plant grows about 2½ feet high, branching freely, and bears multitudes of bright red, showy flowers all summer, which are surpassed in intensity of color only by the Cardinal Flower. For a mass of color it is very striking. Thrives well in the shade.

Each, 30 cents; dozen, $3.00

PYRETHERUM (For seeds see p. 70.)

Sometimes called Spring Flowering Chrysanthemum. Hardy perennial plant of easy culture, with beautiful, large, daisy like flowers in a variety of brilliant colors, ranging from intense scarlet to pure white. The flowers are borne on long stems and are splendid for cutting, lasting in water longer than almost any other flower. The plants have a long season of bloom.

Each, 30 cents; dozen, $3.00.

PLATYCODON Grandiflorum (For seeds see p. 68)

The Chinese Bell Flower. In bloom the entire season. The flower resembles Clematis in size and color. Two varieties, blue and white, two feet high. **Each, 30 cents; dozen, $3.00.**

Orders for plants are filled at our greenhouses where the plants are grown, insuring prompt service and fresh plants.

PERENNIAL PHLOX (For Annuals see page 58)

The Perennial Phlox, which is one of the most popular and satisfactory of all hardy plants, give one a splendid idea of a diversity of uses to which those plants may be put. As a border plant Perennial Phlox is extremely effective; massed in a bed, it makes a gorgeous spectacle with its magnificent spikes of showy and lasting flowers, and scattered among the early flowering hardy plants it is very attractive. Perennial Phlox grows from two to three feet high. Its blooming period normally is from June 15th to late fall. By cutting away each flower stem as soon as it is through blooming, other flowers will appear, thus prolonging the blooming period and increasing the size of the flowers.

Strong field-grown plants. Each, 30 cents; dozen, $3.00.

Coquelicot. Bright scarlet.
Cyrano. Large truss of pink flowers.
Eclaireur. Flowers of immense size, carmine, salmon center, rosy white star.
Faust. Bright rose.
Independence. White flowers, very early.
Isabey. Orange-salmon, center purplish crimson.
Jeanne D'Arc. Very large, pure white flower; a very strong grower.
Le Mahdi. Violet purple.
M. Bezanson. Fiery crimson, velvety purple eye.
Miss Lingard. White with delicate pink center; long spike; early.
Mrs. Chas. Door. Light Lavender pink.
Pantheon. Salmon-rose; a fine variety, and should be planted more extensively.
Purity. The best pure white.
Rosetta. Deep rosy crimson-violet.
Rosy Gem. Splendid lavender-pink. Especially fine for cutting.
Sir Edwin Landseer. Brilliant crimson.

Varieties Illustrated In Color Opposite page 80

Esclamonde. Rosy lilac, shaded white; large purple center with white halo.
Frau Von Lassburg. Large, pure white.
Lothair. Rich salmon, crimson eye.
Pecheur d' Island. Very large lavender-cerise. Uniformly large compact heads.
Richard Wallace. Pure white with distinct violet eye.

One plant each above five varieties, 5 plants, $1.25.

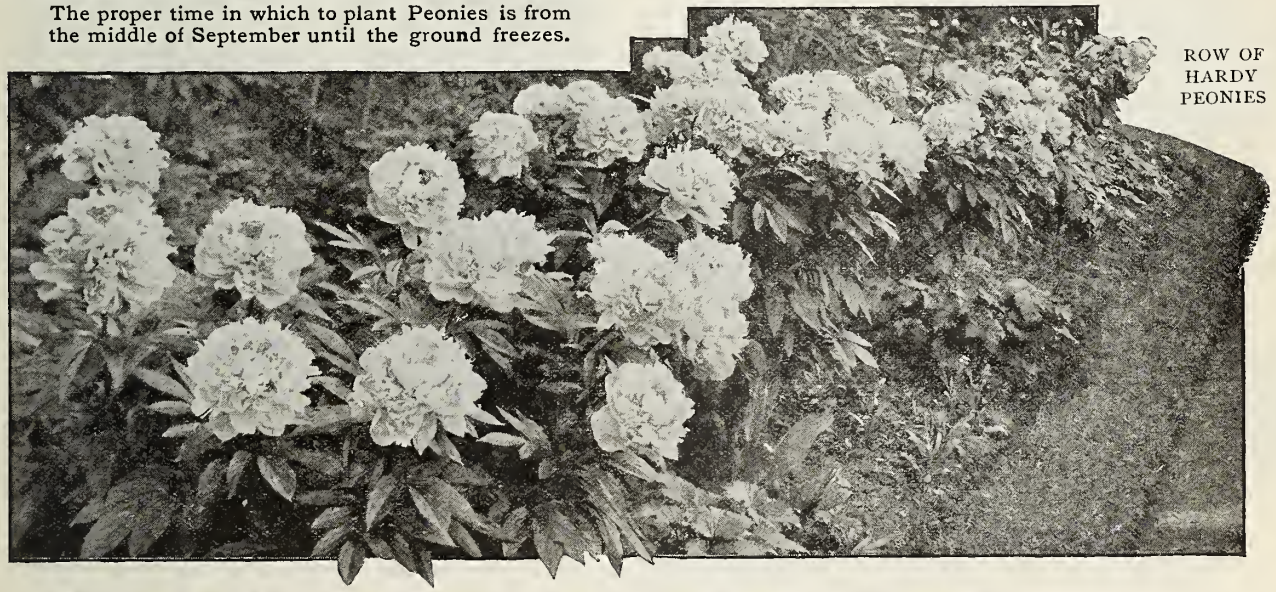
VICK'S HARDY PERENNIAL PHLOX

VICK'S PEONIES

THIS queen of herbaceous Perennial Plants deserves its increasing popularity because of its beauty, range of color and form, extreme hardiness, ease of culture and freedom from plant pests and disease. You will find below a very choice assortment of different colors and types including the early, mid-season and late kinds. Our Peonies are grown under the direction of an expert and are of high quality and true to name. At prices below we prepay postage or express as far as the 5th zone. Special prices on large quantities.

Achille. Large rose-type flower; pale pink shading to lilac white; fragrant; each, 60 cents.
Alexander Dumas. Medium size; light violet rose; crown type; creamy white collar of narrow petals mingled with white center petals; fragrant; each, 75 cents.
Augustin D'Hour. Large bomb type flower; dark brilliant Solferino red slightly silvery reflex; each 85 cents.
Avalanche. Large compact crown type; milk white center; flecked crimson red; very choice; each $1.00.
Couronne D'Or. Large semi-rose type; pure white with ring of yellow stamens around a tuft of center petals; tips carmine; each 85 cents.
Duchess D'Nemours, Pure white; crown type; sulphur white collar; no flecks; fragrant; very early; each 60 cents.
Edulis Superba. Large; bright mauve pink; flat crown type; very fragrant; the earliest deep pink, usually blooms by Decoration Day, each 60 cents.
Festiva Maxima. Probably the most popular pure white rose type Peony; center slightly flecked crimson; early; each 60 cents.
Fragrans. Dark pink; compact bomb type; medium size; fragrant; late; each 60 cents.
Grandiflora Nivea Plena. The earliest white; large globular rose-type flower; very fragrant; each $1.00.
Louis Van Houtte. Medium size semi-rose type; deep carmine rose; tipped silver; late; each 60 cents.
Madame Calot. Large rose-type; pale shell-pink, center shaded darker; collar tinted silver; fragrant; early; each 60 cents.
Madame De Vernville. One of the best pure white Peonies; bomb type, slightly flecked carmine; fragrant; early; each 85 cents.
Marie Lemoine. Large rose-type; pure white with creamy white center, tipped carmine; fragrant; the latest white to bloom; extra choice; each 85 cts,
Rubra Superba. Large compact rose-type; crimson; the best very late red; each 85 cents.

The proper time in which to plant Peonies is from the middle of September until the ground freezes.



ROW OF HARDY PEONIES

For border planting or for beds and groups of flowers it would be hard to find anything better than the Peony.

TRITOMA
FLAME FLOWER

PHLOX SUBULATA—Moss Pink

Fine for the rockery and border, gradually spreading, and forming a beautiful rich green carpet covered with fine pink star-shaped flowers. An early blooming plant, flowering in May.

The Bride. Pure white, with pink eye. **Each 25 cents; per dozen $2.50.**

RUDBECKIA or Cone Flower (For seeds see p. 70)

Each, 30 cents; dozen, $3.00.

LACINIATA flora plena — Golden Glow. The best known and most popular ever-blooming hardy plant grown. It is covered during the season with masses of rich golden-yellow double flowers on long stems that make it suitable for cutting. Attains a height of 6 to 8 feet.

Newmani. The flowers are single, golden-yellow, with black center; the plant grows 3 feet high and blooms from July to October.

Purpurea, or Giant Purple Cone Flower. Flowers reddish wine-purple. Grows about two to three feet high and blooms from July to October.

SALVIA PRATENSIS or Hardy Sage

A very strong, hardy plant, twelve to eighteen inches high which bears showy spikes of deep blue flowers from June to September.

Each, 25 cents; dozen, $2.50.

SEDUM, Stonecrop

Each, 25 cents; dozen, $2.50.

Album. Low-growing; fleshy leaved pretty white flowers.
Acre. A pretty species for rockwork; forms a neat green carpet.
Pulchrum. A low-growing variety. Flowers pink.
Spectabile. A strong upright grower, with heads of rose-colored flowers.
Telephium. The well-known "Live Forever." Flowers pink, spotted white.

SCABIOSA or Pin Cushion Flower (For seeds p. 64-70)

Caucasica. One of the best hardy plants, producing beautiful lilac colored flowers from June until fall. 18 to 25 inches high.

Each, 25 cents; dozen, $2.50.

SHASTA DAISY—New Improved Alaska

For seeds see page 70.

A fine hardy perennial, 12 to 18 inches high. The flowers are pure white, with a bright yellow center, average about four inches in diameter, and are borne on long, stiff, wiry stems. Valuable for cutting, remaining fresh for two weeks or more. **Each, 30 cents; dozen, $3.00.**

THE SNOW-FLAKE VIOLET

A beautiful, new Violet, distinguisbed for the unique and very interesting spots which occur on the blossoms. The blossoms are large, from a inch to an inch and a quarter in diameter, deep violet in color, delicately spotted and dotted in charming irregularity, with snow-white spots, varying in size from a pin point to one sixteenth of an inch in diameter. The golden center of the blossom shows prominently. A cluster of these flowers with the sun shining brightly on them, fairly dazzles the eye. The plants are vigorous, growing almost anywhere. **Each, 25 cts.; doz., $2.50.**

YUCCA—Spanish Bayonet (For seeds see p. 70)

Filamentosa. One of the most decorative and striking of the hardy plants. It is erect and stately, perfectly hardy, and has sharp pointed leaves and large spikes of creamy white, bell-shaped flowers. It grows about four feet high and blooms in August. **Each, 30 cents; dozen, $3.00.**

SWEET WILLIAM or Dianthus Barbatus

Illustrated on pages 67 and 70. (For seeds see page 70.)

The best varieties of Sweet William have exceedingly beautiful colors, and are very large and almost perfect in form, with trusses of great size. They are fine as cut flowers. The plants are perfectly hardy. **Holborn Glory** Beautiful shades, center and margin of white. **Dunnett's Crimson.** Dark Crimson. **Pink Beauty.** Beautiful salmon pink. **Scarlet Beauty.**

Any variety. Each. 25 cents; dozen, $2.50.

TRITOMA—Flame Flower

Pfitzeri. A great improvement on the old Tritoma uvaria grandiflora, or Red Hot Poker. The flower spikes which are produced with considerably more freedom than in the old variety, are of gigantic size; frequently 4½ feet high, with heads of bloom over twelve inches long, of a rich orange-scarlet, shading to salmon-rose at edge. Flowers from July until frost.

Each 35 cents; dozen $3.50.

VALERIANA RUBRA (For seeds see p. 70)

An old-fashioned plant, about two feet high, which blooms from June to October. The flower heads are large and beautiful, bright red in color and of spicy fragrance. Its long spike of fragrant flowers make it an excellent border plant and suitable for cutting. **Each, 25 cents dozen, $2.50.**

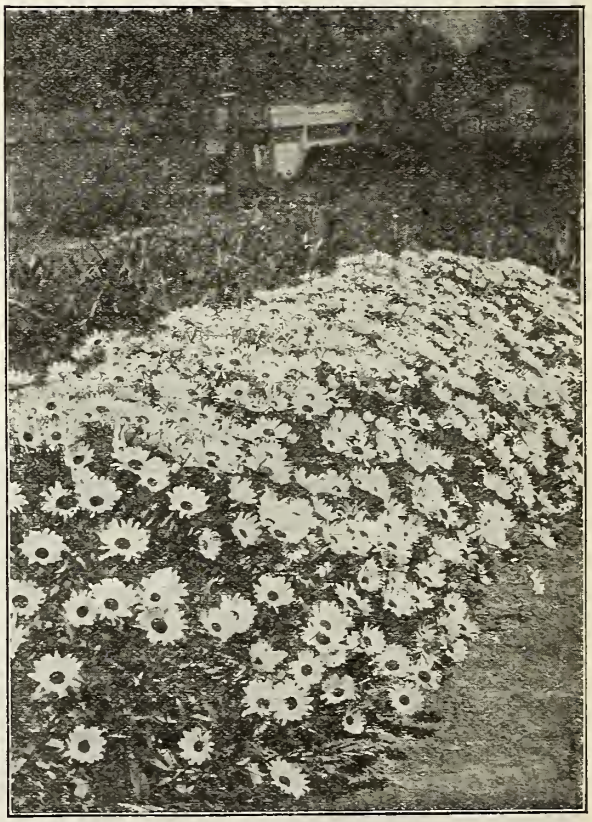
VERONICA—Speedwell (For seeds see p. 70)

Each, 25 cents; dozen, $2.50.

Spicata. One of the prettiest of the spring flowering herbaceous plants, bearing pretty blue flowers in long spikes. Valuable both for the garden and for cut flowers. They should be in every garden.

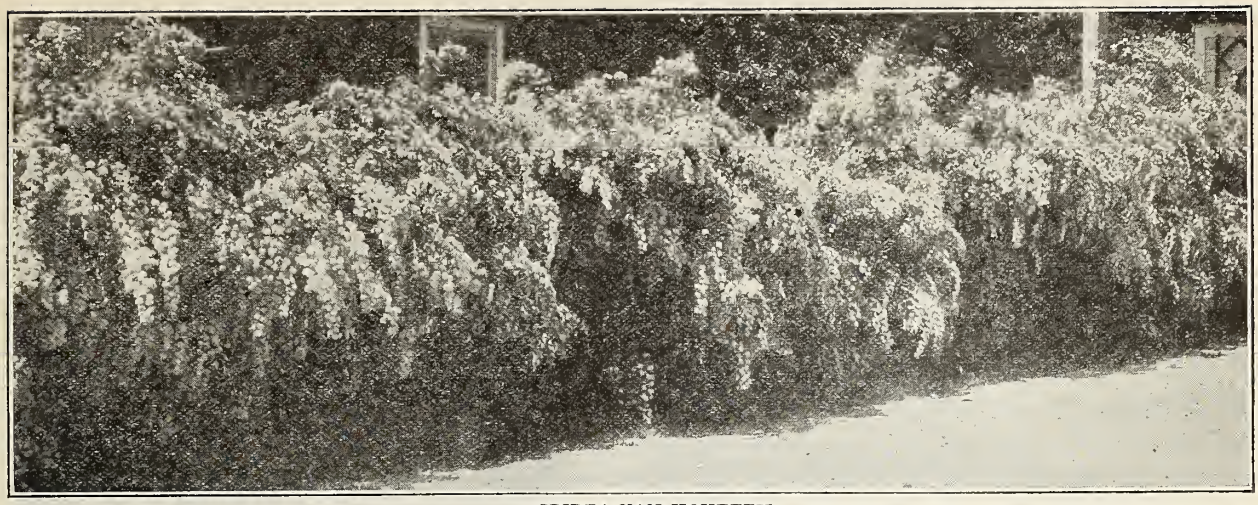
Rupestris. A fine rock plant, growing three or four inches high, whose thickly matted foliage is hidden in spring under a cloud of bright blue flowers.

NEW WHITE VERONICA. Spicata alba. A valuable addition to this very useful perennial. It has the same habit as the blue Spicata, being a strong vigorous grower with long spikes of new pure white flowers. Blooms in June and July.



SHASTA DAISY — New Alaska

The Snow-Flake Violet with its interesting white flakes or spots is most unique and will grow vigorously anywhere



SPIREA VAN HOUTTEII

VICK'S HARDY SHRUBS

HARDY FLOWERING SHRUBS are essential for use in beautifying home sourroundings and do very much to increase the value of property thus improved, because their beauty increases year after year and require very little care and cultivation. For foundation plantings, for massing in front of walls and fences, for use in connection with the Hardy Perennial garden and for single specimens on the lawn, they are unsurpassed. For mass planting it is always best to use groups of more than one of a single variety with the taller growing kinds at the back.

Care should be taken in the arrangement of shrubbery to get the best effects. We are always glad to make suggestions as to the placing and planting of different kinds of shrubbery and Perennials if you will send us a rough sketch of your grounds indicating location of buildings, sidewalks, driveways, &c. At prices quoted here, we send hardy shrubs by parcel post or express prepaid to all points east of the Mississippi river, except as noted.

ALTHEA

Rose of Sharon. Beautiful, erect-growing shrubs, of the easiest culture, bearing large showy flowers in early fall. Very desirable because it flowers when few other shrubs are in bloom. Grows 6 to 8 ft, high. Double Red Double White and Double Pink. Each, 75 cents; dozen, $7.00.

BERBERIS—BARBERRY

Japanese. A handsome low-growing form of the Barberry, of Japanese origin. Foliage abundant, leaves small, obovate; flowers reddish; berries bright crimson. In autumn the leaves turn a bright red, making a fine display. A beautiful plant for the lawn or the front of the shrubbery, or for a low-growing ornamental hedge Each, 75 cents; dozen, $7.00, postpaid.

Smaller plants just right size for hedges, dozen, $4.50; 100, $35.00, by express collect..

CALIFORNIA PRIVET

The best known plant for hedges. It is very hardy, grows rapidly, and produces very abundant foliage. Can be trimmed frequently to conform to the individual idea of beauty and symmetry.

Plants, 12 to 18 inches, 65 cents for 10; $4.50 per hundred.
" 18 to 24 " 80 cents for 10; $6.00 per hundred.
" 24 to 3 " $1.00 for 10; $7.50 per hundred.
By Express or Freight, collect. Special prices by 1000.

CALYCANTHUS or Sweet-Scented Shrub

Very desirable on account of the peculiar and very pleasing fragrance of its wood. The foliage is handsome and the flowers are of a rare chocolate color, with an agreeable perfume. It blossoms in June and at intervals throughout the summer. Attains a height of six to eight feet.

Each, 75 cents; dozen, $7.00.

CORNUS or Dogwood

Cornus Elegantissima. One of the finest variegated shrubs; of rapid growth; the leaves are broadly margined with white, while some are entirely white. 10 to 12 ft. Each, 75 cents; dozen, $7.00.

Cornus Mascula. (Cornelian Cherry). A small tree, native of Europe, producing clusters of bright yellow flowers early in spring before the leaves start 15 to 20 ft. Each, 75 cents; dozen, $7.00.

FORSYTHIA (Golden Bell)

Forsythia Fortunei. These splendid old shrubs, growing eight to ten feet in height, light up the garden with glinting masses of yellow before the leaves appear in the early spring. Their bright golden flowers, often appearing before the snow is gone, vie with the Crocus as harbingers of spring.

Suspensa. (Weeping Golden Bell) The long willowy branches arch very gracefully over to the ground, and are covered to the tips with trumpetshaped yellow flowers in early spring. Each, 75 cents; dozen, $7.00.

EVERBLOOMING BUTTERFLY BUSH

BUDDLEIA

The Buddleia is a magnificent new shrub that has given unbounded satisfaction wherever grown. It is perfectly hardy, thrives in all sorts of soils, grows vigorously from two to three feet high, and blooms the first season from spring planting. Add to this the extreme beauty of its flowers, which are borne in great profusion, throughout the summer and continue until cut down by severe frost, and the fact that it also makes a splendid pot plant, and you have the explanation of its rapid growth in popularity since its recent introduction.

The flowers of the Buddleia are extremely beautiful. They are of a soft shade of lilac in color and are borne in dense cylindrical spikes, which, under liberal cultivation, are from twelve to fifteen inches in length and three inches in diameter. They have a very pleasing fragrance.

In the spring the old plants should be cut back to the ground and they will throw up a fresh, strong growth.

Extra large field grown plants, each, 75 cents; dozen, $7.00.

EVERBLOOMING BUTTERFLY BUSH

The Butterfly Bush with its charmingly graceful spikes of bloom should have a prominent place in the border or on the lawn

DEUTZIA

Each, 75 cents; dozen, $7.00.

The Deutzia is a native of Japan. It is a hardy shrub of fine habit, luxuriant foliage, and a profusion of attractive flowers which bloom from June to September. Our plants of this beautiful and popular flowering shrub are strong and well rooted.

Crenata latifolia. New. Large panicles of eighteen to twenty single blossoms. The flowers are pure white with a center of golden yellow. Very attractive. Strong plants.

Crenata Magnifica. New. A great acquisition. The pure white double flowers are over an inch in diameter. The plant is vigorous and the flowers are borne in large trusses. Strong plants.

Lemoinei. Flowers single, pure white, and entirely covering the branches. Strong plants.

Pride of Rochester. One of the finest varieties, producing large, double white flowers; the backs of the petals being slightly tinted with rose. Blooms early in June. Strong plants.

Candida. Profuse-flowering; generally hardy, and well adapted to ordinary soils. Double pure white flowers, borne in panicles. Strong plants.

HYDRANGEAS

Arborescens. This magnificent American Hydrangea is the most beautiful hardy flowering shrub introduced in many years. It attains a height of five to six feet, and about the same breadth. It is of more graceful habit than Hydrangea paniculata grandiflora. The form of the panicle is much like that of Hydrange Hortensis. Trusses large and beautifully formed; the blooms are of the very largest size, pure snow white; the foliage is finely finished. Fine, strong, well-grown plants. Each, $1.00; dozen, $10.00.

Paniculata Grandiflora. One of the finest hardy shrubs in cultivation. The flower trusses are immense heads from nine to twelve inches in length and nearly as broad. Color purest white, changing to deep pink as the season advances. It blooms in July, at a time when no other shrub is in flower and remains beautiful until destroyed by frost. As hardy as a lilac bush. The plants we offer will bloom the first year. Each, $1.00; dozen, $10.00.

SNOWBALL

Viburnum plicatum. Japan Snowball. The pure white flowers are very lasting, and the beautiful foliage adds greatly to its attractiveness. 6 to 8 ft.
Each, $1.00; dozen, $10.00.

Viburnum Opulus sterilis. The well-known Snowball. Produces large clusters of snow-white flowers in May. Each, 75 cents; dozen, $7.00.

SPIREA, Meadow Sweet

Any of the varieties below, each, 75 cents, dozen, $7.00.

The Spireas are the best known and most popular of all the flowering shrubs. The different varieties cover a long season of bloom and produce blossoms of many different colors. We give a list of the best varieties in many colors.

Arguta. Flowers clear white and freely produced. The very best early-flowering white Spirea grown.

Anthony Waterer. Very low growing, and bearing flat heads of deep rose blossoms all through the late summer.

Bumaldi. The ever blooming Spirea. Dwarf and compact in habit; leaves are bright green, with variegations of yellow; flowers deep pink. Blooms throughout the Summer and Autumn. Very desirable shrub.

Callosa alba. Dwarf White Spirea. A valuable, white flowering, dwarf shrub, one to three and one-half feet high, of bushy, symmetrical form, which flowers all summer.

Aurea. (Golden Spirea.) One of the best of our yellow leaved shrubs.

Thunbergii. (Thunberg's Spirea.) April and May. Low-growing, rounded form, delicate, drooping, yellowish green, lanceolate leaves, which take on and retain the most beautiful tints in Autumn. Small abundant white flowers in May. For planting in front of porches it has no rival.

Prunifolia or Bridal Wreath. One of the best and most admired of the early flowering varieties. This beautiful shrub, which comes from Japan, is very hardy and of medium size, attaining a height of from four to five feet.

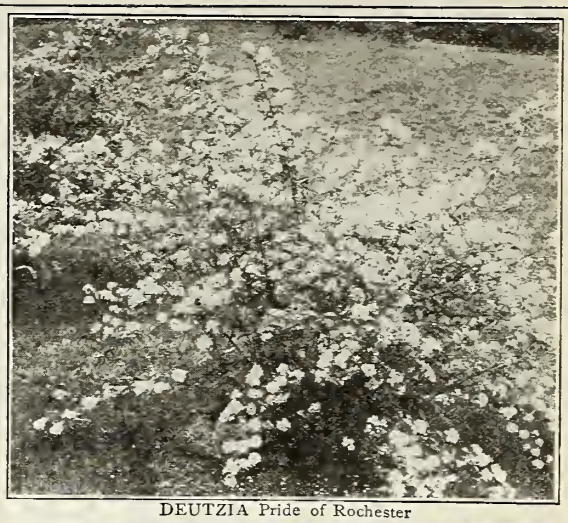
Van Houttei. This is one of the finest and most satisfactory of all Spireas, and a leader among shrubs. Planted singly or in groups on the lawn, in front of the porch, in shrub borders or in a hedge, it makes a beautiful ornament at all seasons. It is very hardy and of compact habit, forming a round and graceful bush with arching branches. Van Houttei Spirea is well covered with neat, green foliage, which in early summer is completely hidden beneath clusters of beautiful large pure white flowers. Our illustration on the preceding page gives a splendid idea of its effective use in the shrub border.

SYRINGA (Mock Orange)

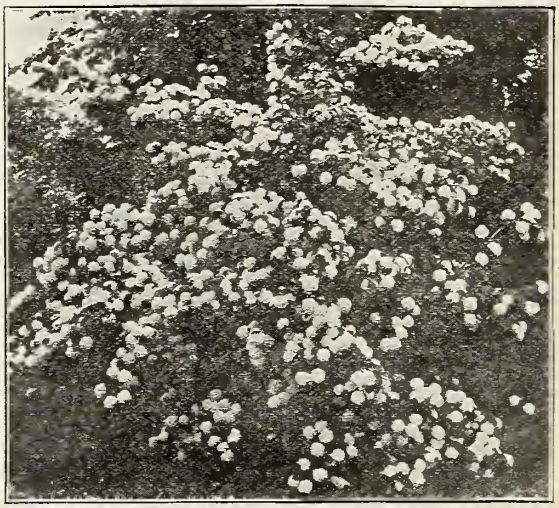
A graceful, very attractive shrub, bearing profusely white, showy, very fragrant flowers. It is well adapted for massing or for individual specimen plants. It thrives on any well-drained soil and even under trees. Pruning should be done immediately after flowering.

Syringa, Common. Large white flowers. Very hardy.
Each, 75 cents; dozen, $7.00.

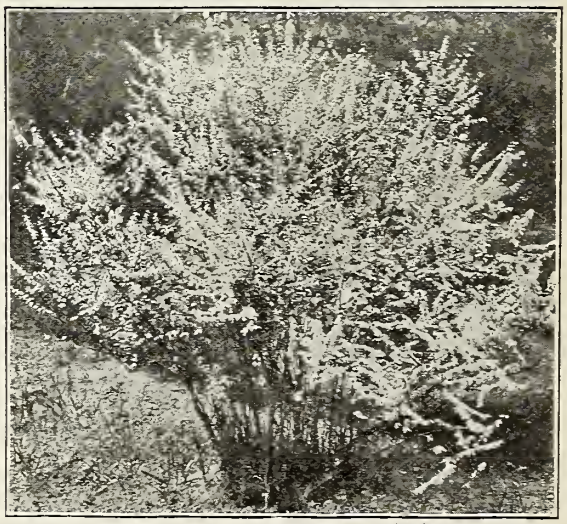
Syringa, Golden. Large, deep yellow leaves; white flowers; bush hardy.
Each, $1.00; dozen, $10.00.



DEUTZIA Pride of Rochester



COMMON SNOWBALL A magnificent shrub



SPIREA ARGUTA The earliest of the Spireas

The Spireas are the best known and most popular of all flowering shrubs. The best varieties are listed above

LILACS

Lilacs have always been popular on account of their hardiness, vigorous growth, abundant foliage and graceful and luxuriant sweet-scented flower panicles. The large flowered Red, White and Purple, are among the most desirable tall growing shrubs, attaining a height of eight to ten feet. The named varieties grow somewhat smaller.

At Highland Park in Rochester, which has one of the most complete collections of lilacs anywhere in the country, the varieties we list here stand out preeminently as the most desirable, because of their hardiness, vigor, free-blooming qualities and beautiful shades.

Large flowered, red. Purple-red flowers, standard variety. $1.00 each.

Large flowered, purple. Bluish-purple flowers, standard variety; always good. $1.00 each.

Large flowered, white. Cream white flowers; very fine. $1.00 each

Pres. Grevy. The most popular blue variety. A profuse bloomer; flowers double, blue and very fragrant. $1.00 each.

Charles X. Large shining leaves; trusses large, rather loose, flowers single, reddish-purple. $1.00 each.

Ludwig Spaeth. Planted very extensively in all parts of the country. Trusses large, flowers single purplish red. Very desirable. $1.00 each.

Frau Dammann. One of the most popular and a leading variety. Large panicles of single white flowers, in great profusion. $1.00 each.

Josikaea (Josika's or Hungarian Lilac). Dark, shining leaves, and purple flowers in June, after the other Lilacs have done flowering. $1.00 each.

At the above prices lilacs are sent by Express or Freight collect.

TAMARIX

Hardy shrub, with very graceful and handsome feathery foliage. The plant flowers so freely that in the early summer it is one mass of pink bloom, completely hiding the foliage. 12 to 15 ft. Each, 75 cents; dozen, $7.00.

WEIGELA, Diervilla

The Weigela is a strong growing shrub, erect while young, gradually spreading and drooping into most graceful shapes with age. Its flowers, large and trumpet-shaped, are borne in clusters thickly along the branches. Blooms soon after Lilac.

Candida. This is the very best of all the white flowering Weigelas. A strong, upright, erect grower; flowers pure white, and produced in great profusion. Commences to bloom in June, 3 ft. Each, 75 cts.; doz, $7.00.

Eva Rathke. A charming new variety; flowers a beautiful, distinct, clear shade of crimson. Blooms twice each season. 3 ft. Ea, $1.00; doz, $10.00.

Rosea. A hardy and beautiful shrub, bearing in May a profusion of rose-colored flowers. Will grow in shade, Each, 75 cents; dozen, $7.00.

Variegated. Leaves variegated, green, yellow and pink. Flowers delicate rose and pink. A charming shrub. Each. 75 cents; dozen, $7 00

We shall be pleased to make special quotations on large quantities of shrubs and plants for extensive plantings.

Vick's Hardy Vines

AMPELOPSIS

Veitchii. Japanese or Boston Ivy. This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this handsome climber manifests its greatest beauty, becoming a glowing mass of the brightest shades of crimson, scarlet and orange.
Strong vines, each, 75 cents; dozen, $7.00.

Quinquefolia, American Ivy or Virginia Creeper. A native climber of vigorous growth; a fine green in summer changing to rich crimson in fall. It affords shade quickly; desirable for covering walls, verandas or trunks of trees. Strong vines, each, 75 cents; dozen, $7.00

CLEMATIS

Clematis is a favorite climbing plant for trellises, porches, and fences. It makes a rapid growth, producing its showy flowers in great profusion. Its abundant foliage and wealth of bloom combine usefulness with beauty.

Henryii. Single; the finest white Clematis; very large, fine flowers; grows rapidly; blooms freely during summer and autumn. Ea, $1.00; doz, $10.00.

Jackmani. Flowers large, intense violet-purple; produced in great profusion, blossoms from four to six inches in diameter. The most beautiful hardy climber in cultivation. Each, $1.00; dozen, $10.00.

Madame Edouard Andre. A valuable variety; distinct color; of fine bright crimson, with no purplish shade about it. Large flowers, borne so profusely that it is called Crimson Jackmani. Each, $1.00; dozen, $10.00.

Paniculata. A remarkably beautiful climbing plant. Flowers pure white, star-shaped, about one inch in diameter, borne very freely in large clusters; will last several days as cut flowers, retaining their freshness and fragrance. The plant is a strong, quick grower. One of the most desirable and useful of climbing plants. Each, 1.00; dozen, $10.00.

AKEBIA QUINATA

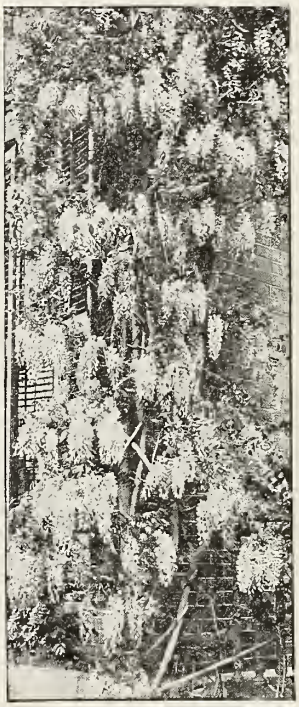
A hardy, strong growing, Japanese climbing plant, with curious purplish flowers, ornamental berries and handsome compound leaves, composed of five leaflets. An interesting plant. Each, 75 cents; doz., $7.00.

ENGLISH IVY

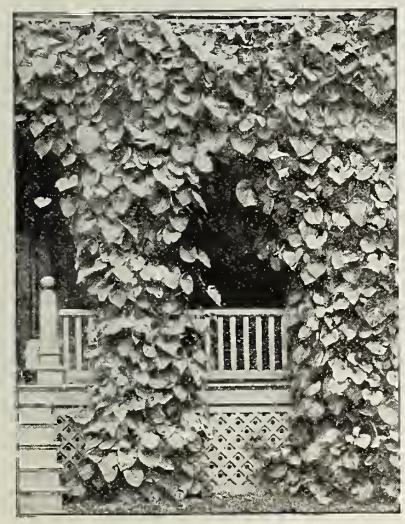
Extensively used for window boxes and vases in the summer. For outdoor display in window boxes at hotels and private residences its value is widely recognized. A good climbing plant for the house. Ea, 50 cts; doz., $5.00

TRUMPET VINE

Tecoma radicans. A fine, hardy, climbing plant, producing clusters of large, trumpet-shaped, orange-scarlet flowers about three inches long. The foliage also is very beautiful. If the tops are kept cut back, it makes a beautiful bush for the lawn.
Each, 75 cents; dozen, $7.00



WISTARIA



DUTCHMAN'S PIPE

CINNAMON VINE

A very rapid climber of incomparable beauty, with flower of exquisite perfume. The growth is very rapid and the vines cover a large space in a short time. It is grown from a tuber, is perfectly hardy and will live out of doors without protection. The vine dies to the ground each fall, and starts growth early in the spring.
Tubers, Each, 25 cts.; dozen, $2.50.

DUTCHMAN'S PIPE

Aristolochia Sipho. A very handsome rapid-growing hardy climber attaining a height of 30 feet or more. The picture to the left clearly shows the large attractive overlapping foliage. Each 75 cents; doz., $7.00.

HONEYSUCKLE

Hall's Japan. A vigorous rapid growing nearly evergreen climber, native of Japan. Leaves are dark green and produce a dense covering. Flowers are white changing to yellow, deliciously fragrant, borne in great profusion in summer and sometimes in Autumn. Each, 75 cents.

WISTARIA Chinese Purple

Wistaria is a strong, rapid grower, desirable for trellises porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy. Strong Roots, each, 75 cts doz $7.00.

At above prices we prepay Parcel Post or Express charges to all points within the 5th zone except as noted.

VICK'S CHRYSANTHEMUMS

Hardy Garden Chrysanthemums

These are the very best of all Chrysanthemums for planting out of doors, and they are growing in popularity each year. Are perfectly hardy, and the flowers, which are not injured by the early frosts, give a fine show of bloom in late Autumn. While the flowers of the Hardy Chrysanthemums do not attain the great size of the Large-Flowering varieties, the sprays of bloom are extremely graceful and beautiful and are very valuable as cut flowers. They may frequently be seen in gardens about Rochester in full bloom as late as the middle of November.

They can easily be transplanted to pots, and thus brought inside to furnish beautiful double flowers during the late fall. After they are through blooming they can be cut back and planted in the garden again to bloom next season.

Each, 30 cents; dozen, $3.00.

Alma. Beautiful pink.
Anna Mary. Creamy white, tipped pink.
Astarte. Bright golden amber.
Baby. Golden yellow.
Baby Margaret. Pure white.
Bohemia. Pure yellow.
Border Beauty. Orange tipped with gold. Very early.
Chaldons. Reddish crimson, gold tips and florets. Early.
Diana. Large pure white flower.
Eden. Rose pink, well-formed.
Edna. White, with pink shadings and yellow center; good size.
Excelsior. Yellow, strong vigorous plant, large flowers, new.
F. Wilcox. Golden bronze; the very best for pot culture.
Gold Standard. Golden yellow.
Hero. Dark pink.
Iva. Pure amber.
L'Argentuillais. Deep chestnut, golden center, verp early. See illustration opposite.
Lyndhurst. Beautiful red.
Miss Julia. Very double, bronze
Orea. Light pink.
Pink Minta. New light pink; large Very early.
Rufus. Attractive dark red.
Skibo. Golden chamois. Early.
Souvenir d'Or. Fine new bronze.
Walter Bly. White, tinted rose.
White Garza. Anemone type.
White Minta. Fine large flowers; anemone type.
White Unalda. Finest early white, makes fine pot plant.

VICK'S COLLECTION of HARDY GARDEN VARIETIES

Six Fine Plants for $1.50

Baby. Pure yellow.
Diana. Pure white
Edna. White, pink shading
Hero. Pink
Lyndhurst. Red
Miss Julia. Bronze

Large-Flowering Chrysanthemums

The glorious blooms of the Large-Flowering Chrysanthemums are easily the largest and most showy flowers of late autumn and early winter. In a warm fall the Large-Flowering Chrysanthemums bloom well into October and November in the open ground. But a good way is to cultivate the plants in the garden, with plenty of room in good, rich soil, until the first of September, when they may be safely transferred to spots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light in a room of moderate temperature.

Each, 30 cents; dozen, $3.00.

Charles Razer. A fine new pure white; strong stem; much like Major Bonnaffon in form but larger.
Ghristmas Cheer. Beautiful pink. Early. Flower incurved. Handsome.
Chrysolora. Fine golden yellow; large flower; extra fine early yellow.
Comoleta. Bright yellow. Fine for pot culture.
Colden Glow. The earliest of all. Fine golden-yellow with velvety finish.
Ivory. Dwarf. Free flowering, snow white, incurved, very large, perfect form.
Major Bonnaffon. Soft yellow, incured type; fowers large and full.
Major Weaver. Large pink.
Maud Dean. Extra large flowers, petals broad, incurved; color light rose.
Oconto White. A fine new white, early flowering.
Pacific Supreme. A beautiful shade of pink. Very early.
Pink Jones. The color is beautiful; each petal is white overlaid with purplish crimson, giving the whole flower the appearance of being pink in color.
Red Duckham. Very large flower. Color purplish crimson.
Thanksgiving Pink. Splendid new deep cerise pink; large flowers.
Unaka. Beautiful shade of lavender pink; very early; one of the best pink Chrysanthemums.
White Coombes. Pure white of largest size.
White Bonnaffon. Pure white, Popular incurved type.
Whittier. Same form and color as Bonnaffon but earlier.

LARGE-FLOWERING—WHITE BONNAFFON

VICK'S COLLECTION of LARGE-FLOWERING CHRYSANTHEMUMS

Six Fine Plants for $1.50

Ivory. White
Oconto White. Early white
Pacific Supreme. Pink
Red Duckham. Red
Unaka. Lavender
Whittier. Yellow

In late Autumn the bright colors of Hardy Chrysanthemums shine out as a reminder of the glory of the summer garden

HARDY GARDEN CHRYSANTHEMUM
L'ARGENTUILAIS
Plants, each 30c
Dozen $3.00
See opposite page
CHRYSANTHEMUM
LARGE FLOWERING
MAJOR BONNAFON
Plants, each 30c; doz. $3.00
See opposite page
1
2
3
4
5
Perennial
Phlox Plants
1—Richard Wallace 3—Frau Von Lassburg
2—Lothair 4—Esclamonde
5—P. Le Island
Each 30c; doz. $3.00 One each, 5 plants, $1.25
These and other varieties described on page 75
GLADIOLUS
PRINCE OF WALES
Bulbs, each 15c; doz. $1.25
See page 85

PINK KILLARNEY
ANNA DE DIESBACH
OPHELIA
SNOW QUEEN
(Frau Karl Druschki)
RADIANCE
GRUSS AN TEPLITZ
VICK'S
Hardy Roses
Any of the varieties pictured on this page, strong two year old plants.
Each, $1.00 Doz., $10.00
All six for $5.00
See descriptions on page 81

VICK'S HARDY ROSES

Of the many hundreds of varieties of roses, we have selected the following as being preeminently the best short list that can be secured in their various colors. Every one of the varieties we here show has distinctive and conspicious merit. We cannot recommend too highly the Hybrid Tea Roses which are shown here. This type probably surpasses all others in the rich and varied colors that can be secured Nearly all of these varieties are now hardy enough for most localities. A garden of Hybrid Teas is a vision of beauty from May until late Autumn. You will find the list below includes the choicest of the newer roses.

The Hybrid Perpetuals, sometimes called the June Roses, are also not to be overlooked, because of their extreme hardiness, perfect form, fragrance and general excellence.

Hardy Hybrid Perpetuals

Strong Field-Grown Plants, each, $1.00; dozen, $10.00.
By parcel post or Express prepaid.

Anna De Diesbach. (Glory of Paris) Lovely shell pink; long pointed buds. Vigorous grower and free bloomer. See color illustration opposite.

Frau Karl Druschki. (White American Beauty or Snow Queen.) Snow white flowers, extremely large and beautifully formed. Very hardy, vigorous and prolific bloomer. Very popular. See color illustration opposite.

Ulrich Brunner. (Hardy American Beauty) Brilliant, cherry red, flowers of immense size and globular form. Strong and disease resisting.

Soleil d'Or, or Sun of Gold. Magnificent golden orange, shaded nasturtium red. Very large and full; free blooming. Extremely hardy.

Paul Neyron. A rose of immense size. One of the largest in existence Deep rose in color. It has very attractive foliage. Very vigorous and hardy

Gen. Jacqueminot. Rich crimson-scarlet, very bright and velvety. It produces beautiful buds that are much admired, and in great demand.

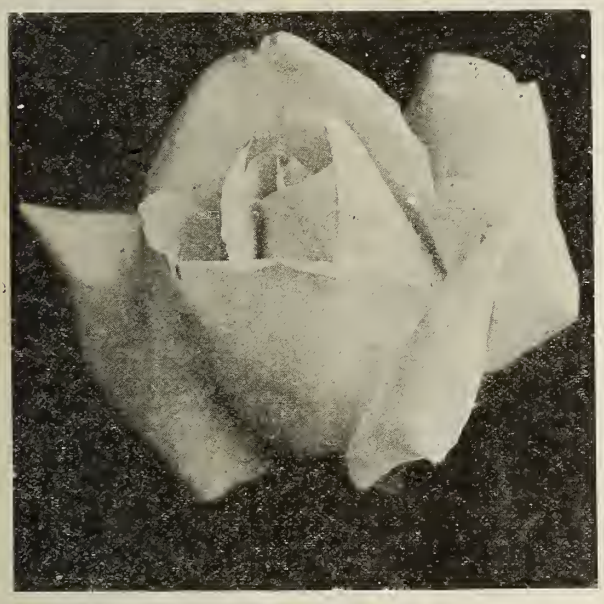
Mrs. John Laing. Delicate pink; large, fine form; very fragrant, Flowers continuously the entire season in the open ground.

Marshall P. Wilder. One of the most desirable Hardy Perpetuals. Bright crimson-scarlet, very large, full, globular, very fragrant.

CAROLINE MARNIESSE

A Hardy Rose. Unequalled for Cemetery Planting

The flowers are creamy white, medium size, very double and sweetly tea-scented. There is not a week from late in May till the middle or latter part of October that large quantities of blossoms cannot be picked from these plants. Growth low and somewhat spreading, making it especially valuable for the borders of beds and for massing. **Each, $1.00; dozen, $9.00.**



LADY HILLINGDON

SOUVENIER DE CLAUDIUS PERNET

Hybrid Tea Roses

Strong field-grown Plants. each $1.00; dozen, $10.00, except as noted
By express or parcel post prepaid.

Francis Scott Key. A rose of even glowing red color; flowers unusually large, full and double; buds long and pointed.

Hoosier Beauty. A glowing crimson scarlet with delicate shadings; rich velvety texture; deliciously fragrant; plant is of strong vigorous growth; one of the best roses of its color.

Ophelia. Words can give one only a faint idea of the superb beauty of this Rose; color is a delicate shade of salmon-pink shaded with rose; buds are unusually attractive which open full and double; blooms profusely all summer. See illustration in color on opposite page.

White Killarney. A beautiful white rose of the same type and shape as the famous Pink Killarney; the long full buds are handsome and the open flower is most refined and beautiful in form and texture.

Los Angeles. Without question one of the finest roses ever introduced; the color is luminous flame pink toned with coral and and shaded with translucent gold at base of petals; the buds are handsome, long and pointed; richly fragrant. See illustration in color on inside front cover.

Irish Fireflame. A wonderfully beautiful single flowering variety of satiny old gold shaded with ochre; buds are a wonderful rich deep orange splashed with crimson.

Lady Hillingdon. Deep apricot yellow, unique in having solid color without any shading The color never fades even after the flowers are cut but invariably deepens. See illustration in color on inside front cover.

Columbia. Peach-blow pink, deepening to a glowing rose pink. Flowers of good size and form on long stiff stems nearly thornless. Exquisitely fragrant.

Dorthy Page Roberts. Large, open, coppery pink blooms, suffused apricot-yellow. A most attractive aud unique varity; very vigorous and free-flowering.

Gruss an Teplitz. Color a rich scarlet, shading to velvety crimson; very fragrant; a free, strong grower, and the most profuse bloomer known to us, being covered with flowers the whole season. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color. See illustration in color on opposite page,

Killarney Pink. A rose that has won fame both as a hardy garden variety and as a winter cut flower. The long, pointed, sparkling, brilliant pink buds, and the very double full blown flowers are very handsome. See illustration in color on opposite page.

Radiance. A glorious new extra hardy rose of remarkable beauty and vigor. Brilliant carmine pink, with yellow shadings base of petals. See illustration in color on opposite page.

Souvenier de Claudius Pernet. One of tbe finest new introductions. A striking sunflower-yellow, deeper in center. Very large full flowers with elongated petals, and long pointed buds of exquisite shape. Each $2.50

Sunburst. Bright glowing orange blooms, paling slightly at edges of petals Tbe beautiful bronzy foliage in desease resistant.

Large dividends of flowery delight may be obtained from a small investment in Vick's Hardy Everblooming Roses

Vick's Hardy Climbing Roses

For Outdoor and Indoor Planting.

Hardy Climbing Roses can be used to such great advantage in so many ways that they are always very popular They may be trained over porches, trellises, arbors or fences, or be grown as individual plants, and they soon form beautiful bushes more ornamental than many shrubs. They may be trimmed to any shape or height desired.

Dorothy Perkins. In foliage, growth, and habit of blooming it is remarkably like the Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color, and hold a long time without fading. The flowers are also sweetly scented, a characteristic not possessed by most Roses of the Rambler family.

Strong, two-year plants, each, $1.00; dozen, $9.00.

Red Dorothy Perkins. This is a recent introduction and the acclaim with which it has been received assures it a foremost place among the Hardy Climbing Roses. The flowers are large and double and are produced very freely. The color, which is an intense, clear crimson-maroon with tips of petals tinged scarlet, remains bright and unfaded throughout the blooming period. **Strong, two-year plants. each $1.00; dozen, $9.00.**

White Dorothy Perkins. This addition to this famous family will be welcomed by all flower lovers. Similar in habit to the others of its class but with pure white flowers. **Strong two-year plants, ea. $1.00; doz., $9.00**

The Philadelphia Rambler. A cross between the popular Crimson Rambler and the fiery crimson Hybrid Perpetual Victor Hugo, and identical with the Crimson Rambler except that the color is brighter crimson, and never fades; a valuable acquisition to the climbing roses.

Strong, two-year plants, each, $1.00; dozen, $9.00.

Lady Gay, Rose of the highest merit. Resembles Crimson Rambler in habit and general effect. The flowers are of a delicate cherry pink color, fading to soft white, of good size and delicately perfumed.

Strong, two-year plants, each, $1.00; dozen, $9.00.

Climbing American Beauty. This is known as the best hardy climbing rose in the large-flowering class. The flower is as large, as beautiful, and as double as the American Beauty, which is so well known as one of the most attractive roses, that it does not need a description.

Strong, two-year plants, each $1.00; dozen, $9.00.

Tausendschon—Thousand Beauties. Tausendschon well deserves its name, "The Rose of a Thousand Beauties" Its free flowering qualities and beautiful white and delicate pink blossoms make it a favorite. It is grown in large quantities for winter forcing. The flowers are borne in large clusters from June to August. Each flower measures about one and a half inches in diameter, and is of a beautiful soft rose color, changing to rosy-carmine; The strong, vigorous hardy plants and attractive foliage are highly resistant to disease and insects.

Strong, two-year plants, each, $1.00; dozen, $9.00.

The Rambler Roses

Strong, two-year plants, each, 90 cents; dozen, $8.00.

Crimson Rambler. The Old Favorite Rambler Rose. Bright crimson flowers in great clusters.

White Rambler. Another favorite growing like Crimson Ramhler, with white flowers in great clusters.

Pink Rambler. Beautiful pink clusters of flowers in great profusion.

Yellow Rambler. Deep golden-yellow flowers in large clusters, covering the entire hush.

Above Rambler Collection—One Plant Each Color—$3.50.

Dwarf Rambler Roses

Strong, two-year field grown plants, each 75 cents; dozen, $7.00.

Crimson Baby Rambler. A Dwarf Rose that blooms from early June to December. This beautiful rose produces clusters of flowers as large as the old Crimson Ramhler. The color is a charming brilliant red, and it blooms with great profusion.

White Baby Rambler. This rose is a little beauty, with pure white double flowers. A constant bloomer.

Baby Dorothy. Clear pink. A dwarf form of the climbing rose, Dorothy Perkins.

Baby Tausendschon. Dwarf form of the climber of the same name. Truly a "Rose of a Thousand Beauties." A mass of lovely pink and white blossoms all summer.

Vick's Moss Roses

The peculiarities of the Moss Roses are the delicate prickles which crowd their stems, and the beautiful mossy covering of their opening buds. They are strong, vigorous growers, and are perfectly hardy.

Each, $1.00; dozen, $9.00.

Henri Martin. A magnificent Moss Rose. Extra large and perfectly double. Color a deep rosy carmine, shaded a bright crimson.

Madam de la Rochlambert. Bright pink.

Princess Adelaide. Pale rose; good in bud and flower; foliage dark.

White Bath. Pure white Best of the white Moss Roses.

Pot Plants for Indoors

Hardy Everblooming Roses

One year green plants, with foliage ready to bud. Hardy enough to do well in the garden if set out after cold weather.

Each, 35 cents; doz., $3.50

Gruss an Teplitz. Color rich scarlet; very fragrant.

Maman Cochet. Rich pink, changing to silvery rose.

Mons. R. Arnand. Deep pink, beautifully tinted; finely formed.

Ophelia. Salmon-flesh, shaded with rose.

Sunburst. Orange copper or golden yellow strong grower.

White Cochet. Beautiful snowy white.

White Killarney. Soft, pure white; very popular.

Tender Everblooming Tea Roses

One year green plants ready to bud. These roses are tender and must he grown indoors except in warm climates.

Each, 35 cents., doz $3.50

Lady Hillingdon. Golden yellow; long, pointed buds.

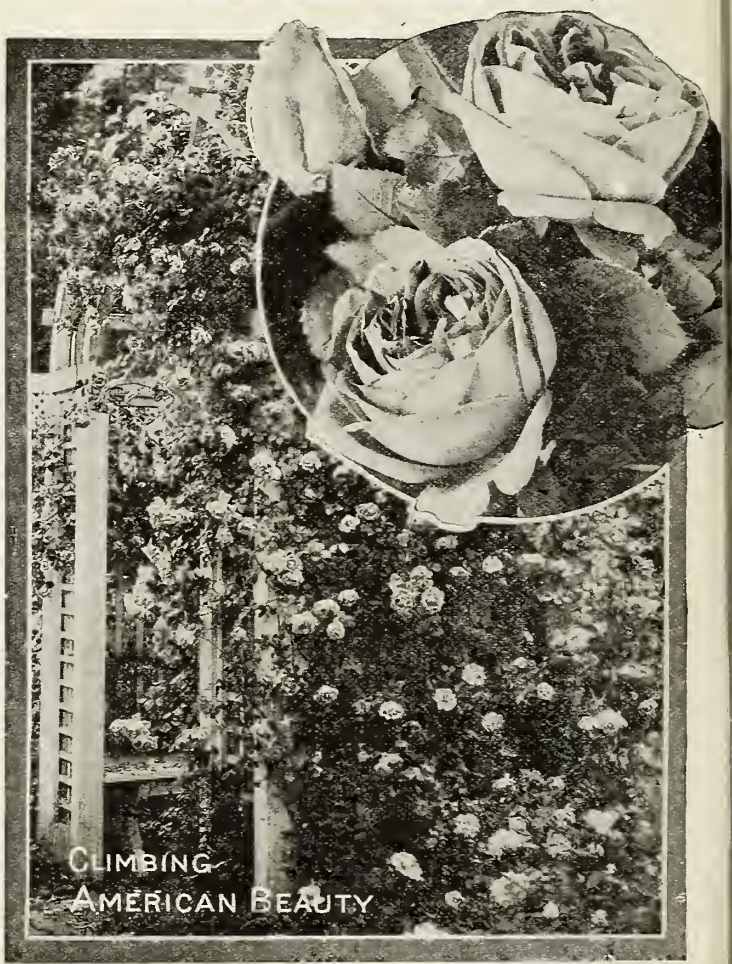
Madame Camille. Rosy flesh color; very large

Madison. Creamy white, large flowers.

Mrs. Ben. R. Cant. Clear, bright rose-red; all season.

Perle des Jardins. Deep yellow; very popular.

Sunrise. Orange and copper, scarlet and yellow; very beautiful.



Tausendschon, the Rose of a Thousand Beauties is one of the most satisfactory climbers. Our stock this year is extra good

VICK'S HARDY LILIES

WE are growing more varieties and larger quantities of Lilies each year on our own bulb farms, near Rochester, where because of favorable soil conditions and our experience in Lily growing, we are able to secure unusually fine bulbs. Some of our Lilies come from Japan and other far-away places, but whether grown on our own farms or coming to us from other experts in Lily growing, our bulbs are true Vick Quality.

Lilies should be used more and more extensively in the hardy border. By planting different varieties a succession of bloom may be had from the first of June until the latter part of Sept. These flowers are not only very valuable as beautiful flowering plants in the garden, but are very handsome as cut flowers for the house.

	EACH	DOZ.
Auratum, the Gold-Band Lily of Japan. A favorite variety for outside purposes. No garden, however small, should be without it Its ease of culture and magnificent flowers of a delicate ivory color thickly dotted with chocolate-crimson spots with a gold band running through the center of each petal, make it one of the most desirable varieties of garden lilies. Blooms about July 20th. Although quite hardy, for best results an extra covering should be given the bulbs in the winter. **Extra strong bulbs, imported direct from Japan.**	50	$5 00
Canadense. Our native Lily; flowers drooping, delicate scarlet-yellow throat, spotted black. Blooms about July 10th. Two to three feet high	35	3 50
Elegans, Best Red. Light red	30	3 00
Elegans sanguineum. Blood-red	30	3 00
Elegans Incomparable. Deep crimson, slightly spotted with black.	30	3 00
The above three varieties of Elegans bloom about July 1st.		
Elegans Batemanni. A beautiful Japanese variety; flowers upright, of clear apricot-yellow; strong and hardy; should have a place in every garden. Blooms about July 15th.	30	3 00
Harrisii. (Easter Lily.) The flowers are pure white, trumpet-shaped, and are unexcelled in beauty by those of any other species, while the fragrance is simply exquisite. Especially used for indoor growing. By starting the bulbs at intervals of a few week, a succession of bloom may be had for a long time.	50	5 00
Longiflorum Multiflorum. Pure white trumpet-shaped flowers. Splendid for growing in pots for Easter flowering, and very desirable for outdoor planting, being quite hardy; two to three feet high; blooms in June outdoors. Easily grown indoors	50	5 00
Speciosum Album. The Speciosum or Lancifolium are the most important of all the Japanese Lilies. Always satisfactory. The Album has large white flowers of great substance, with a greenish band running through the center of each petal.	50	5 00
Speciosum Rubrum. White and rose; rich crimson spots. Extra fine.	50	5 00
Speciosum Melpomene. Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as Rubrum; stem dark and color of flower much deeper	50	5 00
The above three bloom about August 15th.		

VARIEGATED LEAVED DAY LILY

LILIUM AURATUM OR GOLD BAND LILY of JAPAN

Japonicum Longiflorum. The hardy Easter Lily. Very fragrant. White, trumpet shaped. Blooms about July 20th.	50	5 00
Henryi (The Yellow Speciosum) Rich apricot yellow, spotted with brown, Same type of flower and habit of growth as other Speciosum lillies. Very hardy and vigorous grower	60	6 00
Tigrinum splendens. Improved Tiger Lily. Perfectly hardy, and most desirable for planting in the border with other hardy plants. Blooms about August 1st	35	3 50
Tigrinum fl. pl. Double Tiger Lily. Blooms about August 15th	35	3 50

SUPERB LILY COLLECTION

Our most popular combination offer of lilies covering a wide range of classes selected for garden planting.

One each, Longiflorum, Rubrum, Melpomene, Album, Elegans Incomparable, Tigrinum Splendens, 6 extra choice bulbs, $2.00 postpaid.

VICK'S DAY LILIES

The Day Lilies are superb autumn flowers, desirable for planting on the side of a lawn or at the edge of shrubbery. They do well in shade and are much prized on that account. The plants can he set in autumn, and may be protected by a light covering of leaves the first winter after setting out.

Price, each 30 cents; dozen, $3.00.

White Day Lily—Funkia Alba. Broad light green leaves. Flowers large pure white, fragrant.

Blue Day Lily—Funkia Japonica. Light blue: narrow foliage.

Variegated Leaved Day Lily—Funkia undulata media picta. Lavender flowers. Foliage light green, beautifully variegated with white.

Hemerocallis aurantiaca major, Golden Day Lily. One of the very finest hardy herbaceous plants. The plant is extremely vigorous in its habit; The large and attractive foliage rises to a height of two feet, and is of a deep green. The flower spikes are strong, bearing in succession as many as twelve flowers which are seven to eight inches across; of a rich orange-yellow. A very remarkable variety.

Hemerocallis flava. Lemon Day Lily. A fine, hardy plant, producing an abundance of large, fragrant, golden-yellow flowers.

DAY LILY COLLECTION

One each of the 5 varieties described above for $1.25, postpaid.

LILLIUM MYRIOPHYLLUM

Regale. A new lily of unusual merit, coming originally from Northwestern China. The white flowers are delicately suffused with pink and are shaded with a beautiful canary yellow at the center. Delightfully fragrant. Absolutely hardy and will grow almost anywhere. Also splendid for forcing. Blooms about July 1st **Each, $1.00; doz., $10.00.**

No garden is complete without a few lilies. In the hardy border, in perennial beds, in almost any setting they are superb

Vick's Dahlias

The splendid qualities and gorgeous beauty of the present-day Dahlia are so well-known that it hardly seems necessary for us to emphasize them here. No plants are easier to grow, respond more readily to care, flower more freely, and few show such a wide range of color. A great deal of work has been done on Dahlias in the past few years, and there are many new and improved varieties on the market. Our list has been completely rvised to take in all of the best of the new sorts, retaining, of course, all the old standbys.

The Dahlia should be planted from May 1st., to June 15th., for best results, in a moderately rich soil, covering the tubers 3 inches deep. Thin to one or two shoots, and when the plant is 6 inches high, cut it off above the second joint to make it bush out. Give plenty of water and sunshine. Stir only the surface soil.

JACK ROSE DECORATIVE DAHLIA

CACTUS DAHLIAS

The Cactus Dahlias have large, loosely-formed, Chrysanthemum-like flowers. The long, narrow petals are variously rolled or twisted. The flowers, many of which nod on long, slender stems, are the most graceful and artistic of all the Dahlias.

Attraction. A beautiful Dahlia of soft silvery lilac rose. Flowers are very large and the petals gracefully curled and twisted. Long strong stems. **Each 75 cents.**

Countess of Londsdale. Rich salmon, tinted apricot. One of the easiest of all the Cactus Dahlias to grow, and produces more blooms than any other Cactus Dahlia grown on our farm. See illustration in color on inside front cover. **Each, 35cents.**

Crystal. A fine exhibition flower of larger size and splendid form. Clear soft pink shading to soft ivory white with long narrow incurved tubler petals. **Each 50 cents.**

General Buller. Good long wirey stems color deep crimson maroon tipped white; very free flowering. **Each 25 cents.**

Golden Eagle. Very large yellow slightly tinged fawn, very handsome. **Each 50 cts.**

J. H. Jackson. One of the largest and finest Cactus Dahlias. In color, a perfectly gorgeous, deep velverty-black maroon. **Each, 25 cents.**

Kalif. Atruly majestic flower of great size, frequently measuring over nine inches in diameter. Perfect Cactus form, rich crimson in color. Long stiff stems. **Each 75 cents.**

Kriemhilde. An exquisite combination of ivory-white and pink. A fine variety for cutting with good keeping qualities. Flowers of large size. **Each, 30 cents.**

Pierrot. A very large flower with long narrow tubular petals of the deep amber color, holdly tipped white very unique, striking. **Each 50 cents,**

DECORATIVE DAHLIAS

Decorative Dahlias are intermediate between Cactus and Show. The massive flowers are not so globular as those of the Show, and the petals are broad and somewhat flattened.

Dolly or Sylvia. White, edged pink. Very attractive. A great favorite with florists. **Each, 25 cents.**

Dr. Tevis A magnificent Dablia which bas won numerous prizes at flower shows. Equally valuable for garden decoration or cut flowers. Color is soft salmon rose suffused old gold and shading to golden apricot center. Immenee in size, often eleven inches in diameter. **Each $ 1.00**

Frau G. Scheiff One of the finest newer kinds. Very large flower golden bronze shaded orange red. A ideal autumn shade. **Each $ 1.00**

Jack Rose. Rich glowing crimson, like tbe favorite old Rose, General Jacqueminot. Blooms early and profusely. Tbe standard red dahlia. **Each. 25 cts.**

Mina Burgle. One of the finest of the new introductions of gigantic and remarkahle beauty. Color, brilliant ruby red. **Each, 35 cents.**

Souvenir de Gustav Doazon. Largest Dahlia in existence. A pleasing shade ot orange-red. Flowers are very full and often measure 9 to 12 inches in diameter. **Each, 25 cents.**

Golden West. Very large pure yellow, good long stems for cutting, ends of petals split. **Each, 50 cents.**

Delice. Large flower with long stems, very fine for cutting, color clear bright rose-pink. **Each 35 cents.**

Oregon Beauty. Peony-Decorative type; mammoth flower of glowing orange scarlet; long stem fine for cutting. **Each 35 cents.**

Princess Juliana. One of the finest pure whites for all purposes, especially for cutting. Very long stems, medium size, very free flowering. **Each 50 cents.**

PEONY-FLOWERED DAHLIAS

This type is growing greatly in popularity. Flowers are semi-double, having broad, flat, loosely arranged petals, surrounding, a golden-yellow center. Petals are usually pointed and twisted giving them a fluffy graceful appearance.

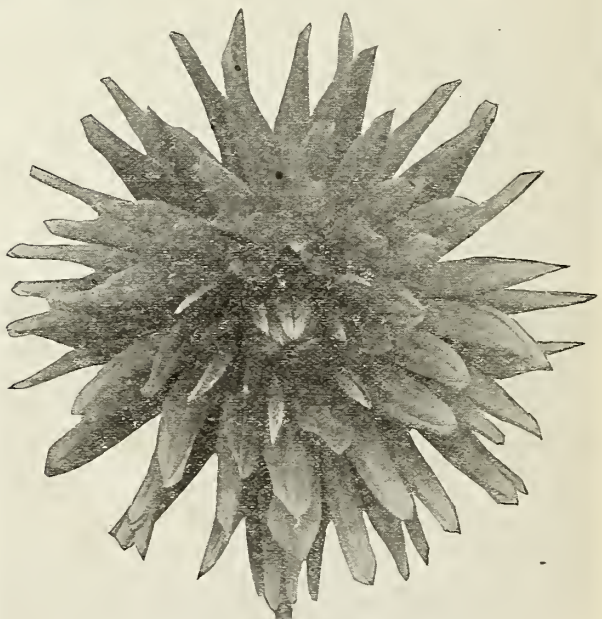
Dr. Peary. One of the darkest Dahlias, rich reddish mahogany, very large. **Each 50 cents.**

Geisha. Probably the showiest and most attractive Dahlia grown. The color is a brilliant scarlet and gold with a ring of clear yellow in the center. **Each $ 1.00.**

Hampton Court. One of the best. A bold flower of splendid form. A bright mauve pink in color. **Each 35 cents.**

Queen Emma. Fine rose pink suffused yellew. **Each 25 cents.**

Queen Wilhelmina. The best pure white Peony Flowered Dahlia, very large. **Each 25 cents.**



CACTUS DAHLIA—COUNTESS OF LONSDALE

Satisfaction. (New) One of the largest Peony type and a very prolific bloomer; long stiff stems; clear clean yellow. See picture in color on inside front cover. **Each 50 cents.**

River Falls, Wisc., March 10, 1924.

I hove ordered Gladiolus from you for three years. They ore just wonderful. There is not a home oround this port of River Folls thot hove such beoutiful Gladiolus as I have. Mrs. O. C. T.

The beautiful new Dahlia Satisfaction and Countess of Lonsdale are pictured in color on the inside front cover.

SHOW DAHLIAS

The old-fashioned double Dahlia. Ball-shaped flowers; the petals quilled or tubular. As a class they are more formal than the Cactus or Decorative. They still retain their old-time popularity on account of their long, stiff stems and their lasting qualities as cut flowers.

Cuban Giant. Very large ball shaped flowers of dark crimson. Very free flowering and early. Each 35 cents.

Glorie de Lyon. One of the best pure whites. Each 25 cents.

Stradella. Deep wine-rose. Very free-flowering. Long stems. Each, 25 cents.

Vivian. A new favorite with wonderful flowers of white, edged rose-violet. Is greatly admired by all who have seen it. Each. 25 cents.

White Swan. Pure white. A great favorite. One of the best bloomers in this class. Each, 30 cents.

Ethel Vick. (A. D. Livoni). A very reliable old standard variety, grown by almost every Dahlia lover; free flowering and desirable for cutting. Flowers are well formed, perfectly round and ball-shaped, each petal being very tightly quilled and arranged in exact regularity; of a beautiful soft pink. Each, 25 cents.

Yellow Duke. Very large canary yellow on long, stiff stems; tightly quilled petals. Each 25 cents.

Maud Adams. The best cut flower Show Dahlia yet produced; wonderful bloomer; white tipped bright pink. Each 50 cents.

Norma. A robust grower; rich orange salmon, perfect form, exta fine. Each 30 cents.

POMPON DAHLIAS

These flowers are ideal for bouquets, being small and very double. The plants, which grow but three feet high, are very bushy and free flowering.

Alewine. White overlayed delicate pink. Each 25 cents,

Amber Queen. Rich, clear amber, shaded apricot. Extra free flowering. One of the very best and most satisfactory Pompons. Each, 25 cents.

Catherine. Clear yellow very freeflowering. Each 25 cents.

Darkness. Very dark velvety-maroon, one of the best of its class. Ea. 25 cents.

Fashion. Orange, perfectly ball shaped. Each 25 cents.

Sunbeam. Beautiful Crimson-Scarlet, should be in every collection. Each. 30 ccnts.

Snow Clad. Small. White. Free flowering, the best white pompon. Each., 35 cents.

VICK'S EXHIBITION MIXTURE DAHLIAS

A wonderful mixture containing a splendid array of all the leading types and colors Cactus, Pompon, Decorative, Show, Colarette and Peony-Flowered. As fine an assortment as we have ever seen. Each, 20 cts.; dozen, $2.00; 100, $12.00.

Vick's Gladiolus

Without question, Gladioli are the most popular summer bloom ing bulbs. Easily grown, adaptable to almost all soil conditions, if not too wet, their long keeping graceful flower spikes, abundantly produced, are unsurpassed in beauty and usefulness either in beds or borders or for cut flowers. So universally popular are Gladioli with all flower lovers that Gladioli displays, are important features of every summer flower show, fair and horticultural exhibit.

America. The most popular Gladiolus in cultivation. Splendid large, broadly-opened flowers of a beautiful clear flesh pink color, with petals well rounded. The plants are vigorous growers, not subject to disease, and make extra good bulbs. Each, 9 cents; dozen, 70 cents.

Attraction. Very large flowers of a beautiful soft colcr, between rose and scarlet. The large throat is pure white. Each. 9 cts.; dozen 70 cents

Augusta. Fine white, faintly tinged with lavender. Flowers freely and has a long season, producing many side branches. Ea., 9 cts.; doz., 70 cts.

Baron Hulot. Dark, velvety, violet-blue. Best of the blues. Ea. 20c; dz. $1.50

Chicago White. Well-known and very popular white, lavender markings in throat. Each, 9 cents; dozen, 70 cents.

Empress of India Rich velvety dark red with deeper shadings. Each, 15 cents; dozen, $1.20.

Evelyn Kirtland. A new beautiful shade of rich rosy pink darker at edges shading to shell pink in center with brilliant scarlet blotches on lower petals. Each 20 cents, dozen $ 1.50.

Halley. A delightfully pretty delicate rose, with white blotch. A very popular extra early variety. Each, 9 cents; dozen, 70 cents.

Independence. A brilliant rose pink, with richly marked throat, a long strong spike of wax-like flowers. One of the best. Ea. 9 cts.; doz 70 cts.

Glory (Kunderd's) Flowers beautifully ruffled. A new type of Gladiolus and one of the most valuable introductions of recent years. Each petal is distinctly ruffled at the edge. The immense flowers are a beautiful cream-pink color. Each, 12 cents; dozen, $1.00.

Gretchen Zang. New, the blooms are large of a most beautiful shade of soft pink blending to scarlet on the lower petals. Becoming very popular. Each 15 cents.: dozen $ 1.20.

Herada. Another fine new variety. Large blooms of pure mauve with deeper markings in throat, very large and striking. Each 20 cents, dozen$ 1.50.

Le Marechal Foch. A magnificent new soft flesh pink with enormous bloom borne on unusally strong, vigorous spikes, early. Each 20 cents; dozen $1.50

Lily White. One of the best white. Each, 15 cents; dozen, $1.20.

Loveliness. Creamy white flowers, on large broad spikes. Ea. 20c; dz. $1 50.

Mrs. Watt. An unusual shade of clear American Beauty color, of velvety texture. Each, 15 cents; dozen, $1.20.

Mrs. Francis King Extremely vigorous, with long spike of large bright scarlet flowers. Each, 9 cents; dozen. 70 cents.

Niagara. Immense flowers of soft primrose yellow; slightly tinged, rosy pink in throat. Each, 12 cents; dozen for $1.00.

GLADIOLUS—AMERICA

Mrs. Frank Pendleton. Very large salmon-pink with carmine blotched throat; very choice. Each 12 cents; dozen $1.00.

Pink Perfection. Delicate apple blossom pink of perfect form. Each, 20 cents; dozen, $1.50.

Panama. Seedling of America which it resembles closely except that it is a deeper shade of pink and is larger Each 12 cents dozen $ 1 00.

Prince of Wales. A most charming coral pink, similar to Halley, but more delicate tint. One of the best of the recent introductions. Very early see illustration in color opposite page 80. Each, 20 cents; dozen, $ 1.50.

Peace. The flowers are extra large, of perfect form, on a heavy, straight spike. Color a pure white, with pale lilac featherings on the interior petals. A charming flower, either singly or for massing; The bulb is large and the plant is a remarkably strong grower. Each, 15 cents; dozen, $1.20.

Primulinus. A rare, extra early species. The flowers are small, of a primrose yellow color, and borne on tall, slender stems. Blooms the whole season. Each, 12 cents; dozen $1.00

Princepine. Immense, broadly opened flowers of clear, brilliant scarlet. Each, 20 cents; dozen $1.50

War. Deep blood red, shaded crimson. One of the largest and finest of the red Gladioli. Each, 15 cents; dozen, $1.20.

Willy Wigman. Creamy white, with scarlet blotch. Ea. 12c.; doz. $1.00.

Schwaben. Largest and finest yellow Gladiolus yet produced. A soft sulphur yellow, with dark blotch in center. A very vigorous grower. Each, 12 cents; dozen, $1.00.

GLADIOLUS MIXTURES

Vick's Named Exhibition Mixture. This is a mixture of over 150 named varieties to which we are adding every year. It comprises every class, and will furnish a profusion of bloom from July till frost. Six, 35 cents; dozen, 65 cents; hundred, $4.00; charges prepaid.

Choice Mixed. All colors in fine assortment. Six, 30 cents; dozen, 50 cents; hundred, $3.00; charges prepaid.

VICK'S HYBRID GLADIOLI

We are very proud of these hybrids. They contain many wonderfully striking shades and types. They are far superior to the ordinary mixtures and are just the thing for those who do not care for the higher priced named sorts and still want something really extra fine.

Light and White Hybrids. Beautiful collection of light and dainty shades. Six, 40 cents; dozen, 75 cents; hundred, $4.50.

Red Hybrids. All shades of red, scarlet and crimson. Six, 40 cents; dozen, 75 cents; hundred, $4.50.

Mixed Hybrids. All shades in grand mixture. Six, 40 cents; dozen, 75 cents; hundred, $4.50.

PRIMULINUS HYBRIDS

A very distinct type of Gladiolus of slender, graceful growth with orchid-like flowers arranging in color from light yellow tones to orange, apricot and crimson. This type is gaining in popularity every year, especially because they are so early. 6 for 35 cents., dozen 65 cents 100 - $ 4.00.

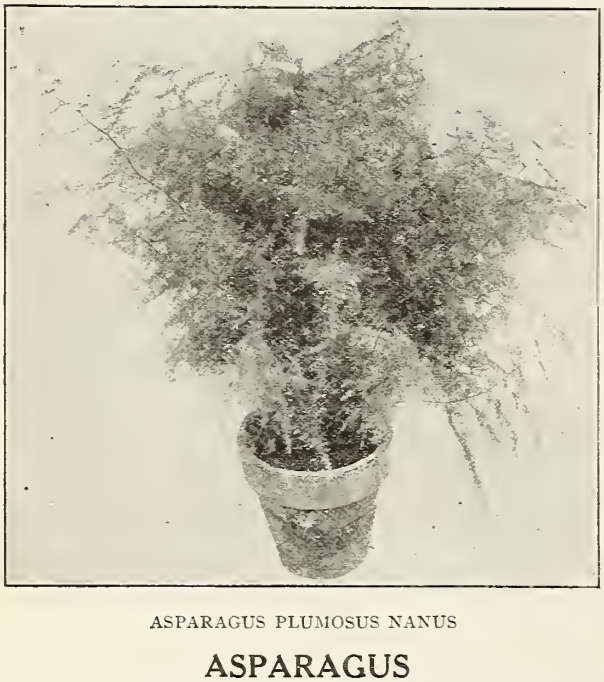
The splendid and beautifully colored flowers of Vick's America make it the most popular Gladiolus in cultivation

HOUSE AND BEDDING PLANTS

The moment you enter a room containing a beautiful Fern or a blooming Plant you are conscious of the brightness and good cheer radiated by it. The influence of these beautiful silent companions from The Floral Kingdom is always for good; they cheer the sick, beautify the home and carry a hint of Summer's brightness through Winter's gloom.

In the spring they are ready to fill your window and porch boxes with a mass of color and transform your yard to a thing of beauty.

You will find your favorite plants listed in the pages that follow.



ASPARAGUS PLUMOSUS NANUS

ASPARAGUS

Each, 30 cents; two for 50 cents.

Sprengeri. One of the most rapid-growing plants of which we know, making great masses of fine feathery foliage in a very short time. Valuable for use in cut-flower work. Fine for hanging baskets or large pots. As a house plant it has no superior, as it withstands the indoor temperature well. Sometimes eroneously called Maiden Hair Fern.

Plumosus nanus, or Lace Fern. Beautiful on account of its light, feathery growth, which very much resembles lace. The graceful, dark green foliage surpasses the Sprengeri in delicacy of texture. Splendid as a pot plant and for decorative purposes.

ABUTILON—Flowering Maple

Hard-wooded greenhouse shrubs, blooming almost the entire year; well adapted for house culture. Flowers bell-shaped and drooping.

Each, 25 cents; dozen, $2.50.

Eclipse. A trailing variety, leaves beautifully marked deep green and yellow. The flowers are bright yellow, with crimson throat.

Golden Fleece. Yellow flowers. **Snow-Storm.** White flowers.

ACHANIA MALVAVISCUS

One of the most satisfactory house plants grown, blooming summer and winter, and not subject to insects of any kind. Flowers scarlet.

Each, 25 cents; dozen, $2.50.

ALTERNANTHERA

One of the most widely-used foliage plants grown especially in cemeteries. It is neat, low-growing, and makes a splendid compact border or edging when set about five inches apart. It is supplied in two colors, Yellow and Red.

Doz., $1.00 Special prices on large quantities.

AUCUBA JAPONICA, Gold Dust Plant

A strikingly handsome house plant with shiny toothed green leaves irregularly spotted with curious golden yellow markings whence its very fitting name "Gold Dust Plant". A plant that commands instant admiration. Thrives well even in the dry unfavorable conditions of heated rooms

Each, 30 cents; dozen, $3.00

AMARYLLIS

The Amaryllis produces showy flowers that are handsome and very attractive, resembling lilies. The bulbs should be potted in a rich, sandy loam, with good drainage. They require abundant moisture when growing, but at their season of rest water should be given sparingly.

Fragrans. Flowers three to four inches long; yellow, fragrant; stalks 15 to 18 inches high. Each, 30 cents; dozen, $3.00.

Equestre. One of the best of the Amaryllis family for winter blooming. Flowers large, bell-shaped; color light scarlet, white throat.

Each, 30 cents; dozen, $3.00.

Formosissima (Jacobean Lily). Eight to ten inches high. Flowers dark crimson. The bulbs are dormant during the winter. Each, 30 cents.

FLOWERING BEGONIAS, Wax Begonia

Each, 30 cents; dozen, $3.00

Chatelaine. One of the most useful of the flowering Begonias as it is equally good indoors or outdoors. For porch boxes it unexcelled as the foliage turns a deep red outside. It is a continuous bloomer, the flowers being a beautiful deep rosy red.

Semperfloreus. This is the favorite perpetual blooming Begoeia fine for house plants or bedding. Three colors, Pink White and Scarlet

REX BEGONIAS

The Rex varieties of Begonia are very effective as pot plants. The rich, pleasing combination of color in their foliage harmonize well with high class house furnishings. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry.

Any variety below each, 30 cents; dozen, $3.00

Countess Louise Erdody. The wonderful Cork-screw Begonia.

Bertha McGregor. Cut leaf, center of leaf red, outside silver and red. Very fine.

Lesuodsii. One of the finest of the Rex family; the leaves are a velvet green Center edged with a silver band, outer edge bright green.

Modesty. Leaves silvery white, edged with green.

President Carnot. Silvery white.

Rubrum. The entire leaf has a pinkish metallic luster, which makes it one of the most attractive varieties. The plant is a vigorous grower.

Surprise. Leaf deep bronze and silvery rose.

Van der Hyde. Mottled green and white.

CALCEOLARIA (For seeds see page 66)

Creole Queen. Flowers brown maroon. Very fine for pot plant and bedding. Easy to grow. Each, 15 cents; dozen, $1.50.

CAREX

Japonica variegata. Japanese grass. Very useful and ornamental for the house, thriving well in a living room.

Each, 25 cents; dozen, $2.50.

CARNATIONS (See also page Page 51)

The delicately rich and pleasant fragrance combined with the beautiful colors and perfect outline of the Carnation, secures for it a prominent place in all collections of plants, either for the house or garden. It is one of the sweetest of flowers and yields an abundance of bloom all summer. The plants may be potted in September and October, watered and shaded a few days, and they will bloom all winter, in a cool sunny window. Our list embraces the best of the standard varieties.

Each, 25 cents; five for $1.00. The set of twelve for $2.00.

Beacon. Beautiful shade of scarlet. Flowers very large. Stems long.

Doris New bright crimson, with scarlet shadowings Best in its class.

Enchantress. Delicate shade of shell-pink, deepening towards the center very large flower.

Enchantress Supreme. Color clear shell pink. Flower large. A grand new variety.

Lady Bountiful. Pure glistening white.

Mrs. Thomas W. Lawson. Immense size, from three to four inches in diameter, with long, strong stems. Bright cerise-pink, lighting up beautifully under artificial light

Pink Matchless. The most improved type of silvery pink. A very popular color.

Rose Pink Enchantress. Color rose pink; large flower.

Variegated Lawson. White, beautifully striped with cerise pink.

White Enchantress. Large pure white. Very free flowering.

White Wonder. One of the largest white Carnations and a strong grower.

Red Matchless. This new variety is without doubt the finest and most improved brilliant scarlet. A strong robust grower with large peafect blooms.

LITTLE GEM CALLA

A dwarf variety of the old Calla, eight inches high. A free bloomer.

Each, 25 cents; Dozen, $2.50.

We prepay transportation charges on plants up to the fifth zone at these prices and guarantee their safe arrival

Vick's Cannas

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

Some Newer Varieties

Dry Bulbs. Each, 25 cents; dozen, $2.50.
Pot Plants. Each, 30 cents; dozen, $3.00, ready about May 30.

King Humbert. Massive foliage of finest bronze, with dark midrib. Its flowers measure six inches in diameter and are produced in great trusses. Brilliant orange-scarlet, with bright red markings. Height about four feet.
Yellow King Humbert. Yellow variety of this very popular Canna, with handsome dark green foliage and large beautifully-marked yellow flowers.
Austria. Pure canary yellow. Fine large open flowers, with a few reddish dots in the center of the two inside petals. Six feet.
Fire Bird. One of the finest, large red flowers; strong grower. Three and one half feet high.
Gladiator. Bright yellow, spotted crimson; very showy. Four and one half feet high.
Niagara. Deep crimson flowers, with a wide irregular golden border Three feet.
Panama. A fine red, edged yellow: green foliage. Four feet.
Richard Wallace. A pleasing canary yellow. Exceptionally large flowers which are carried well above the foliage. One of the best of the new yellow bedders. Four and one half feet.
The President. The grandest canna in existence, flowers 6 in. across color is rich glowing scarlet.
Venus. One of the softest and most delicately colored varieties yet introduced Flowers of fair size and of a soft rosy pink color with a pretty mottled border of creamy yellow. The plant always presents a clean fresh appearance.

The Best of the Standard Varieties

Dry bulbs. Each, 20 cents; dozen, $2.00.
Pot plants, ready about May 30. Each, 25 cents; dozen, $2.50.

Alemannia. Gigantic yellow flowers beautifully mottled with orange-scarlet. Four and one-half feet high. Green foliage.
Alphonse Bouvier. Brilliant crimson, but changes to a beautiful deep crimson as they more fully expand. Six feet high. Foliage green.
Alsace. Pale sulphur changing to creamy white. A valuable variety. Four and one-half feet high. Foliage green.
Beaute Poitevine. Bright crimson, with erect flower spikes. Three and one-half feet high. Foliage green.
Brandywine. Brilliant red; foliage bronze. Four feet high.
Burbank. Rich canary-yellow flowers, spreading seven inches; rich green leaves; four and one-half feet high.
Charles Henderson. Brilliant crimson flowers. Four feet high. Foliage green.
Cinnabar. Cinnabar red, distinctly marked with golden yellow. Four and one-half feet high. Foliage bronze.
David Harum. Bright deep satiny vermilion. Foliage bronze. Tbree and one half feet high.
Evolution. The flowers are golden yellow, which shades in through various tints of canary, lemon, and sulphur to a center of blush pink. Foliage bronze.
Fairfield. Rich dark crimson flowers; foliage green.
Florence Vaughan. Flowers of the most brilliant golden-yellow, dotted with brightest scarlet. Four and one-half feet high. Foliage light green.
Italia. Immense flower. Center brilliant red, petals widely bordered with clear yellow. Six feet high.
Jean Tissot. Brilliant vermilion, with bright orange markings. Foliage green. Five feet high.
Mlle. Berat. The nearest approach to a pink in a first-class bedder. Four feet high. Foliage green.
Parthenope. Flowers are extra large and of good substance. Color dark orange, shaded with yellow; showy and distinct; four feet. Foliage dark green.
Semaphore. Novel color. The flowers are of a pure orange. Foliage bronze.
Souvenir d' Antoine Crozy. Crimson scarlet, broad yellow border. Four feet high. Green foliage.
Pennsylvania. The flowers are pure deep scarlet, of immense size. Six feet high. Foliage green.
President Meyer. The flowers are a rich cherry carmine; foliage bronze. Four feet high.
President Faivre. Flowers amaranth-red; foliage bronze. A strong, erect grower, especially suitable for massing and for center of beds. Six feet high.
Queen Charlotte. The center of the petal is a brilliant crimson-scarlet, shaded with crimson and bordered with a wide belt of gold. Three feet high. Foliage green.
Robusta. A very fine, tall-growing, dark-leaved variety; eight to ten feet Dark green leaves
Rubin. Ruby carmine. Foliage bronze.

CALADIUM, Elephants Ear

Esculentum. One of the stateliest of the ornamental-leaved plants producing a splendid subtropical effect. Leaves frequently grow three feet in length and nearly as broad. Bulbs started in earth in early spring and transplanted to open ground, when danger of frost is over, will produce plants three to five feet high in a short time.

Medium-sized bulbs, each, 20 cts.; doz., $2.00.
Large-sizedbulbs, each, 30 cts.; doz., $3.00.

COLEUS (For seeds see page 66)

Each, 25 cents; dozen, $2.50.

Crimson Velvet. Leaves rich crimson.
Duneira. Soft seal-brown, bordered pink. An exceptionally showy variety.
Firebrand. Maroon, flamed and shaded with brilliant fiery red.
John Good. Yellow and green, fine bedder.
Snowcloud. Yellow and green. Changing to white in the summer months.
Sensation. Velvety black maroon, with lance-shaped center of pure magenta.
Verschaffelti. Rich, velvety crimson. The best of all for bedding.

DRACAENA (For seeds see page 66)

Indivisa. Used extensively as a center plant for vases, baskets, etc. The numerous grass-like leaves are very long and rigid, contrasting nicely with other plants. Largely used and very effective for cemetery planting. Easily grown. Each, 35 cents; dozen, $3 50. Extra large plants, each 5c cts.

FEVERFEW

Little Gem. Very dwarf; attains a height of from 8 to 10 inches; flowers of fine form, and pure white. Each, 25 cents; dozen, $2.50.

GREVILLEA or Silk Oak

Grevillea robusta. A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed.
Each, 25 cents; dozen, $2.50.

HELIOTROPE

Prized for its fragrance. It is a favorite with everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume.

Lady Cook. Dark violet. **Madame de Blonay.** Pure white.
Each, 25 cents; dozen, $2.50.

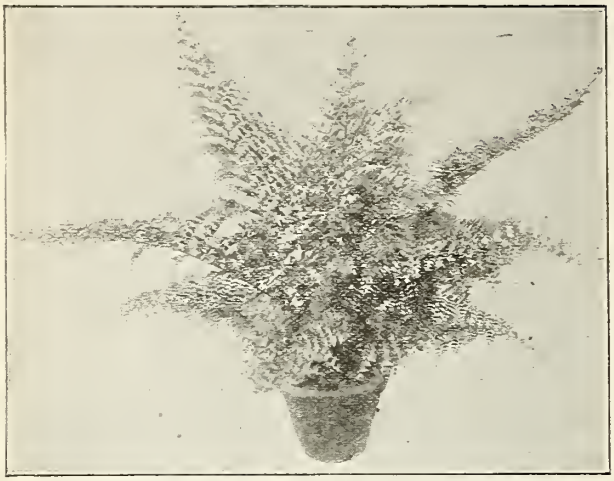
HYDRANGEA

Otaksa. The immense heads of pale pink flowers, make the Hydrangea extremely effective as a decorative plant. In the North it is grown as a pot plant. Give partial shade and plenty of water. Put in the cellar in the fall. Each, 35 cents; dozen, $3.50.

HYACINTHUS

Candicans, Summer Hyacinth. A beautiful stately plant, with stems three to four feet high. It has large, pure white pendant, funnel-shaped flowers, in long racemes. Very fragrant. In the North the bulbs should be dug in the fall, and stored in a cool dry place.
Each, 15 cents; dozen, $1.50.

For brilliancy of colors nothing surpasses the newer Cannas in formal beds or in rows against a background of green



VERONA FERN (One of the best plumed type.)

VICK'S FERNS

Ferns are indispensable in almost any scheme of plant decorations for house, window or conservatory. Either alone or scattered among other plants and flowers they work wonders in giving the house interior a refreshing, cheerful appearance.

The six varieties first named are especially adapted to use in fern dishes. The six are sufficient for a dish eight inches in diameter.

Each, 25 cents; dozen, $2.50.

Adiantum cuneatum. The popular Maiden Hair Fern.
Aspidium Tsussimense. A pretty species with dark green foliage.
Cyrtomium falcatum. The "Holly Fern." Large, dark green glossy leaves.
Pteris Cretica albo-lineata. A pretty and useful variegated variety; leaves green and white.
Pteris Wimsetti. Fine for fern pans and house culture; finely crested.
Pteris Wilsoni. Leaves round and crested. Splendid for house culture.

Varieties of the Boston Fern Class

This class contains the most popular and by far the most satisfactory of all house ferns. The hardiness, ease of culture, and handsome fresh appearance of all varieties of Boston Ferns make them especially desirable for house decoration.

Each, 35 cents; four for $1.25; dozen, $3.50.

Boston Fern. One of the most satisfactory of decorative plants for house culture. The handsome green fronds attain a length of four to five feet, and droop so gracefully on every side that it is often called the Fountain Plant. It always has a fresh, healthy appearance, and is very attractive.

Roosevelt. The divisions of the wide drooping fronds are beautifully undulated and the fronds are more graceful than those of the Boston Fern. Strong, rapid grower. A new variety and one of the finest.

Scotti, or Dwarf Boston Fern. A very dwarf and compact form of the Boston Fern. The fronds are short and narrow, of a graceful recurving form. Plants of small size make nice specimens in a short time.

Teddy, Jr. Fronds beautifully undulated like those of the Roosevelt, but the plants are very dwarf and compact. A beautiful fern.

Verona. One of the newer most improved varieties with finely cut plumy foliage of striking appearance.

VICK'S FUCHSIAS

No plants are more graceful and elegant than the Fuchsias. Their contrasting colors—white, carmine, rose and purple—make them very attractive. The plants bloom so profusely that they require an abundant water supply. Therefore, plants should be wet thoroughly and often.

Each, 30 cents; dozen, $3.00.

Avalanche. Corolla violet, sepals crimson.
Bouquet. Flowers of beautiful form; sepals a clear coral color; corolla blue.
Jeanne Summary. Tube and sepals bright crimson scarlet, corolla white.
Jupiter. Tube and sepals scarlet; corolla rich royal purple. Extra large size.
Little Beauty. Tube and sepals bright red; corolla rich purple.
Mary. The drooping flowers, over two inches long, are a brilliant crimson-scarlet, and stand out prominently against the dark green foliage.
Rosaina Patrie. Tube and sepals carmine. Corolla white.
Storm King. Dwarf grower. Tube and sepals red. Corolla white.
Victor Hugo. Flowers large, very double; sepals bright crimson; the center or corolla violet purple, marbled with red. A unique and beautiful flower.

ISMENE, or Peruvian Daffodil

Giant Ismene. Ismene is one of the finest flowers of the stately Amaryllis family. The heavy bulbs send up stems two feet in height, on which are borne numerous large, pure white flowers. Each, 25 cents; dozen, $2.50.

LANTANAS

Are in bloom constantly, and are very fine for bedding, baskets, or box plants.

Each, 25 cents; dozen, $2.50.

Amiel. Bright shade of orange-red, with golden center.
Jacques Minot. Yellow, changing to orange red.
Marcella. Lilac rose, changing to yellow.
New Weeping. Rose pink, habit drooping.
Snow Queen. Large white flowers.
Snowball. White, yellow center.

LEMON

Ponderosa. Large-fruited true Lemon. Flowers as fragrant as the Orange blossom and large fruit of good quality. Bears flowers and fruit at the same time. Vigorous grower and makes a splendid house plant. Each, 35cts.

LEMON VERBENA

Foliage delightfully fragrant. Easily grown.

Each, 25 cents; dozen, $2.50.

VICK'S GERANIUMS

Each, 30 cents; dozen, $3.00.

SINGLE

A. Carre. Crimson scarlet.
Jules Lematrie. Light pink.
Marguerite de Layre. Pure white.
Mrs. E. G. Hill. Bright salmon.

DOUBLE

Alphonse Ricard. Bright orange-red. Trusses very large.
Beaute Poiteveine. Bright salmon-pink, delicately shading to white.
Countess de Harcourt. Pure snow-white; enormous trusses that stand sun well.
Heteranthe. Bright scarlet. A popular striking shade.
Jean Viaud. Flowers semi-double, brilliant rose, beautiful white spots.
La Pilot. Very dark scarlet. Should be in every collection.
E. Anatole Roseleur. Deep rose pink. A distinctive, attractive color.
Madame de Comtesse de Baume. A charming bright pink.
Madame Jaulin. Center of flowers delicate pink, bordered with pure white.
Madame Recamier. Snow white. Especially desirable for bedding.
Madame Laudrey. Clear salmon, center shading to copper, with white eye.
Madame Buchner. Double; snow white. A strong grower.
S. A. Nutt. Double. Brilliant deep blood-red, with maroon shadings. Rather tall; vigorous grower. Truss large. One of the finest bloomers.
Toronto. Bright salmon. Flowers and truss of large size. A grand bedder.
Mrs. Richard F. Gloede. New rosy cerise full description on page 6

TRI-COLOR

Mrs. Pollock. Leaves variegated; flowers scarlet.

SWEET-SCENTED

Dr. Livingstone. Leaves finely divided, very fragrant.
Rose. This is one of the most desirable of the scented varieties.

Lady Washington Geranium

Famous Everblooming Pelargonium, Easter Greeting

The flowers of Easter Greetings have the large size and the gorgeously rich coloring of the "Lady Washington Geranium." To this is added, in Easter Greeting, the habit of continuous blooming, which has made the ordinary bedding geranium so highly valued. Easter Greetings is the first of a new race and one of the most valuable introductions in recent years. As an Easter plant it rivals the Azalea; but unlike the Azalea, Easter Greeting will remain in full bloom all summer.

Each, 35 cents; Dozen, $3.50

Our new rosy cerise Geranium Mrs. Richard F. Gloede, is proclaimed the "Queen of all Geraniums" is shown on page 6

Salvia—Splendens Salvia—Vick's Scarlet Beauty

Vick's Salvias (For seeds see p. 60)

One of the most brilliant and popular bedding plants. A solid mass of bloom from August to November. We offer healthy, well-developed plants, ready to transfer to the open ground and make quick growth. Set about a foot apart in fairly rich soil. Give plenty of water.

Vick's Scarlet Beauty. (New). The mammoth size and wonderfully brilliant scarlet color of this new Salvia has made it the most popular scarlet variety ever grown. The flowers are very large and compact, often measuring four inches in diameter, and are held erect above the dark green foliage on strong, sturdy stems. The plant of this wonderful new variety is a sturdy, strong and compact grower, attaining a height of about two and one-half feet. The foliage is dark green and very abundant. **Each, 25 cents; doz., $2.50.**

Clara Bedman or Bonfire. A dwarf early blooming variety. The plants are almost hidden by the mass of brilliant scarlet flowers. **Each, 25 cents; dozen, $2.50.**

Splendens. The well-known Scarlet Sage. A splendid flowering plant with plumes of dazzling scarlet flowers. **Each, 25 cents; dozen, $2.50.**

PRIMROSE

Each, 25 cents; dozen, $2.50.

Primula Forbesi. Baby Primrose. Needs but little care. It forms a dense rosette of flesby leaves, from which spring the flower stems about 12 inches tall; delicate rosy-lilac flowers produced in great abundance.

Primula obconica grandiflora. Perpetual blooming, bearing large trusses of flowers on long stems, well above the foliage; color a pale lilac and pink.

Primula Malcoides. Very free flowering, one of the best.

Mexican Primrose. A charming plant, which in freedom of bloom excels all others. Flowers almost three inches in diameter, cup-shaped; color bright pink, with scarlet veins and large, showy white center. A plant of easy culture.

OLEANDER

Splendens variegata. Large, double, pink flowers; early. Glossy green leaves with a broad margin of creamy white. **Each, 25 cents.**

Double Pink. The old and popular variety. **Each, 25 cents.**

OTAHEITE ORANGE

A dwarf orange which grows readily in pots, bearing an abundance of delicate fragrant blossoms and fruit about one-half the size of ordinary oranges.

Extra large plants, each, 35 cents.

OXALIS

Free-blooming bulbs, fine for pots, vases, or for edging walks and beds. Plant three inches apart. Two colors, Rosy Crimson and Rosy Lilac.

Dozen, 25 cents; hundred, $1.00.

PETUNIA (Seeds illustration and description on p. 57)

Single, Vick's Ruffled. These plants are from seed of our own growing, and we recommend them as being very fine. **Each, 25 cents; dozen, $2.50.**

RUBBER PLANT

Ficus elastica. This is certainly one of the best plants grown for table or house decoration. It succeeds well with ordinary treatment. The glossy green leaves add a setting of beauty to any collection of flowering or foliage house plants **Strong Plants, each, $1.25.**

TUBEROSE

The Tuberose is a beautiful, pure white, wax-like, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more blossoms. Our Tuberoses are all extra sized, splendid bulbs.

Tuberose, Pearl. Each, 10 cts.; six for 40 cts.; doz., 75 cts., postpaid; hundred, $5.00, not postpaid.

UMBRELLA PALM

Cyperus alternifolius. A beautiful, easily-grown plant, that is admirably adapted to many different modes of culture. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. **Large plants, each, 25 cents; dozen, $2.50**

CLIMBING AND TRAILING VINES

TRAILING IVY

Each, 25 cents; dozen, $2.50.

A fine, thick-growing trailing plant that is unsurpassed for use in hanging baskets and urns, where delicate green foliage is needed.

IPOMEA or Moonflower

Ipomœa Bona Nox. It is a beautiful, vigorous climber, producing large, pure white, sweet-scented flowers at night and on dull, cloudy days. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition. **Each, 25 cents; dozen, $2.50.**

Ipomœa Leari (Blue Moonflower). Flowers six inches across, of intense violet-blue, with reddish purple rays. **Each, 25 cents; dozen, $2.50.**

MADEIRA VINE

A charming climber for porches. The thick, dark green foliage forms a fine screen, and the white flowers are very fragrant.

Strong bulbs, each, 10 cents; dozen, $1.00.

MANETTIA VINE

Manettia bicolor. A beautiful twining plant; flowers from one to two inches in length, of the most intense fiery scarlet, with bright yellow tip. As a pot plant to train on a trellis it is unrivaled. In the open ground it succeeds admirably. **Each, 25 cents; two for 40 cents.**

JASMINE

Jasminum grandiflorum. A favorite greenhouse climber or house-plant and one of the sweetest of flowers. Foliage fine; white, star-shaped fragrant flowers from November to May. Easy of culture. **Each, 25 cts.; doz. $2.50.**

OTHONNA

Crassifolia. A neat drooping plant for hanging baskets. Yellow flowers. Each, 25 cents; dozen, $2.50.

PASSIFLORA or Passion Vine

A class of rapid growing climbing plants well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are about four inches in diameter, with pear-shaped petals.

Constance Elliot. Flowers pure white. **Each, 25 cents; dozen, $2.50.**

SWAINSONIA ALBA

A fine graceful plant, very useful for hanging baskets and porch boxes. Covered with beautiful sprays of large pure white, waxy, sweet pea-like flowers. **Each, 25 cents; dozen, $2.50.**

VINCA

Major variegata. A beautiful trailing plant, admirably adapted for hanging baskets and vases. The leaves are glossy-green, broadly margined a creamy white; flowers blue, and most popular of all trailing house plants.

Large Plants, each, 25 cents; doz., $2.50.

SMILAX

A well-known and popular climber. Foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Excellent for parlor or window culture Tender. **Each, 25 cents; dozen, $2.50.**

Many of the trailing vines above add greatly to the charm and grace of porch boxes and hanging baskets

VICK'S FRUIT TREES

By Express or Freight not Prepaid. Fruit trees are too heavy for parcel post.

The satisfaction of eating handsome, sparkling fruit fresh from one's own garden cannot be measured. Only those who have had this pleasurable experience know their appetizing lusciousness. Many otherwise waste spaces in corners, along fences and terraces can be utilized to provide abundant table delicacies fit for any epicurean banquet.

APPLES

Ohio Beauty. An excellent new winter apple, large, handsome, color yellow or greenish blush striped red. Flesh slightly tinged yellow, crisp. tender, aromatic, juicy.

Ohio Beauty, largest size, XXX 5 to 7 ft., each, $1.00.

	Each	Ten
All other varieties; Largest Size XXX 5 to 7 ft.	$0 85	$8 00

SUMMER APPLES

Red Astrachan. Well-known red summer apple, in great demand.
Sweet Bough. A favorite everywhere. Everyone should own a tree of this variety.
Yellow Transparent. Earliest of all. Large, tender, juicy; big crop every year.

FALL APPLES

Duchess of Oldenburg. A fine apple; yellow skin striped with red. Crisp, tender and juicy.
Fall Pippin. Large, yellow; tender, juicy and rich.
Fameuse. (Snow Apple.) Red skin, white flesh; very tender.
Gravenstein. Tender flesh; very attractive.
Maiden's Blush. Old time favorite.

APPLE TREE BEARS FRUIT FIRST SEASON

Sept. 28, 1920.
Enclosed find photograph of the dwarf transparent apple tree, purchased of you last spring with two dandy apples on and description of same. Pretty good for so young a tree.
J. W. Bond
Shelton, Conn.

Tree set out, Shelton, Conn. by J. W. Bond (82 years of age) in Spring of 1920.

Height of tree 4 feet.

Bore 2 apples weighing ½lb each.

Circumference of each apple 10 inches.

Yellow Transparent Apples.

Ripe Aug. 1920.

WINTER APPLES

Baldwin. Most popular variety planted.
Delicious. The great National Dessert Apple. Flesh tender; very juicy. Apple large, striped red.
Golden Russet. Very hardy Russet apple.
Rhode Island Greening. Best green apple. Fine for cooking.
Jonathan. Large, brilliant red. Good keeper. A great apple. for the home garden.
McIntosh Red. Best red winter apple; tender, juicy, crisp.
King. Large red; fine bearer. Hardy.
Northern Spy. A great eating apple. Known the world over.
Rome Beauty. A very handsome red striped apple of good quality. A good keeper.
Talman Sweet. Best sweet. Light yellow with blush of red.
Winter Banana. An apple with a banana flavor. Fine looking.

DWARF APPLES

Fine for the Town or City Lot where there is limited space in which to grow fruit.
Extra Lage Trees, $0.85 each; ten for $8.00.

Dwarf Trees in These Varieties: Baldwin, Crimson Beauty Northern Spy, McIntosh Red, Snow Apple, R. I. Greening Duchess, Wealthy, Winter Banana.

CRAB APPLES

	Each	Ten
XXX Grade, Largest Size	$0 85	$8 00

Hyslop. Dark red. **Transcendent.** Yellow, red cheek

APRICOTS

$1.25 each; ten for $11.00.

Early Golden. Small, juicy, sweet. Tree very hardy and a good bearer. July.
Moorpark. Largest of all. A big favorite everywhere. August.

SOUR CHERRY

	Each	Ten
XXX Extra Size	$1 25	$ 11 00

Early Richmond. Dark red cherry, juicy, acid, great cooker, very productive.
Montmorency. Most popular of all cherries. Large, bright shining red, acid flavor.

SWEET CHERRY

	Each	Ten
XXX Extra Size	$1 40	$12 00

Black Tartarian. Large, sweet, heart-shaped. Very fine cherry. Bears immense crops. Most popular sweet variety grown.
Napoleon. Best of yellow sweets. Heart-shaped fruit. Very large. Meat tender, juicy, fine flavor. A great canning cherry.

PEARS

	Each	Ten
XXX Extra, 5 to 7 ft.	$1 00	$ 9 00

Anjou (Autumn). Large, handsome, fine flavor, good keeper.
Bartlett. Popular everywhere. Large, yellow pear. September.
Clapp's Favorite. (Summer) Large, early pear. Hardy and productive. August.
Duchess (Autumn). Large light green and russet. Good flavor.
Flemish Beauty (Autumn). Beautiful, sweet pear, hardy.
Seckel (Autumn). A great home garden variety. Small fruit, juicy, melting tender. Fine for preserving and pickling.

DWARF PEARS

Dwarf Pears are popular where space is limited. Fruit is same size as on standard trees.

Prices on Dwarf Pear Trees	Each	Ten
XXX 3 to 4 ft.	$ 0.85	$8 00

We recommend the following varieties:

Dutch ss Bartlett Anjou Seckel

VERY IMPORTANT NOTICE. In case of our inability to fill your order for any reason, we will either refund the amount paid or send other items of equal value, as you may direct. We exercise care to have our trees genuine and reliable, and hereby guarantee that if all or practically all, or any part of stock delivered does not prove true to name as ordered, we will replace it, free of charge, or refund the money paid for it, that being the full damages for a breach of contract. Our prices are offered subject to the conditions, that we shall not be held liable in any event for an amount in excess of the money received for the stock.

PEACHES

	Each	Ten
XXX Grade, 4 to 5 ft.	$0 60	$5 00

Belle of Georgia. Large; flesh white, firm. Freestone. August.
Carman. Hardy, flesh creamy white, tinted red; Freestone. July.
Champion. Large red. Sweet and juicy. Freestone. August.
Chair's Choice. Large, yellow, red cheek. Freestone. October.
Crawford Early. The home garden peach. Ripens in August.
Crawford Late. Large, yellow, red cheek. Freestone. September.
Elberta. Large, yellow, red cheek. Late September. Freestone.
Fitzgerald. Hardy, large yellow. September. Freestone.
Niagara. Larger than Elberta. Fine. Freestone. September.
Yellow St. John. Yellow extra fine. Freestone. August

Our prices on Small Fruits, and Fruit and Ornamental Trees are based on the actual value of the plants and do not include the cost of transportation. Most shipments of Small Fruits can be forwarded cheapest by Parcel Post. If you prefer that route add an amuont sufficient to pay for postage Otherwise shipment will be made by Express collect.

PLUMS

	Each	Ten
XXX Extra Size	$1.40	$12.00

Abundance. (Japan). Large, red, flesh light yellow. Early.
Bradshaw. Dark violet red, oblong, flesh yellow, juicy.
Burbank, (Japan). Large, round, red, good bearer, fine quality
German Prune Long oval, purple, thick bloom. Sweet.
Lombard. Tree will grow anywhere. A red, oblong, large plum. Juicy, sweet and pleasant. Should be in every garden.

QUINCES

	Each	Ten
XXX Extra Size	$1.40	$1.200

Orange. Most popular variety. Large, golden-yellow. Cooks very tender. Fine flavor.

Trenton, N. J. Aug. 17, 1923.
The Strawberry plants arrived to-day and were in perfect condition.

Estella E. Hays.

Strawberries on page 92.

CUTHBERT—"Queen of the Market"

Vick's Small Fruits

RED RASPBERRIES

PRICES—Three for 50 cents; 10 for $1.10; 100 for $5.00.

St. Regis Everbearing Raspberry
Ripe Fruit From June to November

Begins to ripen in June and continues to bear fruit until frost. Truly an everbearing Red Raspberry. Berries large, bright crimson, highest quality. Rich and sugary, with a true raspberry flavor. A fine shipper. In size, productiveness and quality St. Regis leads all other reds.

Columbian. A cross between the Cuthbert and Gregg. Hardy even in Wisconsin. A most vigorous grower; canes 10 to 16 feet in length and often over an inch in diameter. Fruit very large; color dark reddish-purple; adheres firmly to the stem; seeds small; has a distinct flavor of its own making it a most delicious table berry. For canning it is much superior to any other. Bears enormous crops.

Cuthbert. The best of all Red Raspberries for market on account of its fine shipping qualities, size, color, and richness of flavor. Very strong grower, vigorous, healthy foliage and very hardy. One of the reliable varieties; can always be depended upon to bear a good crop.

Golden Queen. Best yellow variety. Continues a long time in bearing.

Vick's Black Raspberries

Price—3 for 50 cents; 10 for $1.10; 100 for $5.00.

Plum Farmer. This wonderful new Black Raspberry has been thoroughly tested and is a great favorite for home use, and one of the best commercial sorts for all sections. A vigorous grower, hardy and very productive; one of the best to with stand drought. Fruit enormously large, covered with a grayish bloom like the bloom on a grape; matures early, easily picked, ships well, sells at the highest prices.

Cumberland. A mammoth, excellent quality, mid-season blackcap that loads its stock canes with handsome, glossy berries. Extremely hardy.

Gregg. A large, showy blackcap of first quality. A strong grower, hardy and very productive.

Black Diamond. One of the best for home and market. For drying and evaporating it excels all others. The fruit, large and handsome, on account of its size, keeping qualities and productiveness, is one of the most profitable ones to grow.

Blackberries

Price—3 for $0.75; 10 for $1.50; 100 for $7.50.

Blowers. The giant of all Blackberries. An upright, mammoth grower; is very hardy and productive. Fruit jet black, of fine quality; a good shipper. Commences to ripen in July and bears fruit about two months.

Eldorado. A berry you can depend upon every time. The vines are very vigorous and extra hardy. Berries are large, black, and borne in big clusters.

Rathbun. Fruit black, luscious, of the highest quality, with a high polish and sufficiently firm to carry well. Berries will measure from 1½ to 1¾ inches in length. Flesh juicy, high flavored, without any hard core, sweet and delicious. Unsurpassed for the table or canning. Hardy, having stood 15 to 18 degrees below zero without harm; vigorous, great bearer.

Vick's Strawberry Plants

No plant better adapts itself to all conditions and to all sorts of soil, and brings as satisfactory returns for the amount of labor and money expended. The varieties we list, have been selected with special care and include the very best for both the home gardener and commercial grower.

The blossoms of strawberries are either staminate (perfect) or pistillate (imperfect). The imperfect varieties must have a row of some perfect-flowered sort flowering at the same time planted every third or fourth row to pollenize the blossoms. When properly pollenized imperfect varieties are as a rule most prolific. "Perf", after a variety indicates perfect flowered. "Imp". indicates imperfect.

GOLD COIN THE NEW EVERBEARBNIG STRAWBERRY

THREE VALUABLE NEW VARIETIES

Here are three new varieties of unusual merit which were originated and developed by the New York Fruit Testing Association. These supplement each other very well being early, midseason and late kinds and in our judgement are very distinct improvements over any other June bearing varieties we know.

Any of the following thee varieties 12 plants, $1.00 50 plants, $3.00; 100 plants $5.00.—postpaid.

Beacon. (Perf). Very early, berries are dark, glossy red, flesh red to center, juicy but firm, subacid, delicious, the best early variety we know of.

Boquet. (Perf). Mid-season, extra large berries, glossy red, richly juicy, very firm, prodigiously productive.

Bliss. (Perf). Late, claimed to be the finest berry in existence. Very large, medium red, very glossy, juicy but firm, sprightly sweet, highly flavored.

STANDARD JUNE BEARING VARIETIES

Any of the following. 25 for 65c.; 100 for $2.00; postpaid By express collect 250 for $4.00; 500 for $7.00, 1000 for $12.00

Brandywine. A large, broad, heart-shaped berry, delicious. Medium red color, flesh is firm. Will thrive on most any kind of soil. Midseason. (Perf).

Bubach. Among the leaders of old standard varieties. Fruit large and handsome, conical, bright scarlet moderately firm, rich in flavor. Succeeds on light or heavy soil. Desirable for home use and market. Season early to medium. A great berry, bringing fine prices on the market. (Imp).

Gandy. A large, late berry, heavy yielder, strong grower. Fruit very firm, and of good quality. On the market brings fine price. Late. (Perf).

Glen Mary. A fancy market variety. Meat is rich firm, juicy and of high flavor. Big dark red berry. Midseason. (Perf).

Premier. A new early variety of exceptional merit, vigorous, enormously productive, commencing early and continuing to bear through a long season. Fruit is attractive rich red of delicious quality, firm enough to ship well. (Perf).

Senator Dunlap. Very hardy and productiue. Berries good size, bright glossy red, good quality. Ripens early and bears fruit for a long period. Early Midseason. (Perf).

Steven's Late Champion. Large, bright red, fine flavored, late, productive berry. Well liked everywhere. (Perf.)

William Belt. Well known. High quality, juicy, sweet, large, bright crimson berry. Ripens all over, no green tips. (Perf).

Vicks Uncle Joe. For a fancy, bright red table berry large, and of high quality, it cannot be beaten. Flesh is tender and delicious, with a rich, sub acid wild flavor. Plants strong growing and very hardy. Early to Midseason. (Perf.)

A NEW EVERBEARING STRAWBERRY

Gold Coin The most remarkable everbearing strawberrys we have ever seen. It begins to bear almost at once and keeps at it continuously from May until November. Its wonderful bearing qualities are clearly shown in the picture above made from a photo taken in September. The large plant, which you see is simply laden with fruit in all stages of development was set out the previous October, less than a year before. The small plant is a spring runner barely two months old and already commencing to yield fruit. Not only will this remarkable variety out-yield every other but in quality, handsome apperance and flavor it has no rival.

Plants, per doz., $1.00, 50 plants, $3 00, 100 plants, $5.00, postpaid.

STANDARD EVERBEARING VARIETIES

These two varieties 25 for $1 00, 100 for $3.00, postpaid. By express collect 250, $6.00, 500, $9 50, 1000, $18.00.

Progressive—Everbearing. This is the leading everbearing variety, producing good sized berries from May until November. The fruit is of fine quality, highly colored, deliciously flavored, and red to the core. (Perf).

Superb. Considerably larger than Progressive, very hardy and a frost resister. Truly superb in quality. (Perf).

Vick's Grape Vines

Strong 2 year old vines—all varieties, 35 cents each; 10 for $3.00.

Campbell's Early. Strong, hardy vine, healthy, mildew-resisting foliage; bearing abundantly. Berries large, black, with light purple bloom. Flavor rich, sweet, slightly vinous. Very early.

Niagara. (White). Bunch very large and handsome, berries large, round; skin thin, tough, carries well; melting sweet. Should be in every garden.

Brighton. A large delicious, sweet, red grape; flesh sweet, tender and very juicy; vine thrifty and a strong grower. Best of all large red grapes. First of September.

Concord (Black). Bunch large, berries large, covered with a rich bloom; sufficiently firm to carry well to distant markets; flesh juicy, sweet, tender; a strong grower, very hardy, healthy and productive.

Delaware. Bunches small and compact; berries small, round thin skinned, light red. Flesh very juicy, with an exceedingly sweet and delicious flavor. Very hardy and productive.

Worden. Said to be a seedling of the Concord. Bunch large, compact, handsome; berries larger than those of the Concord. Superior to it in flavor, and ripens a few days earlier, Destined to be very popular for the vineyard and garden.

The New Gold Coin Everbearing Strawberries bear quantities of the finest fruit from May until November.

VICK'S ORNAMENTAL TREES

By Express or Freight not prepaid. Trees cannot be sent by Parcel Post.

IT IS SUPRISING how much a few well-placed shade and ornamental trees add to the value of a piece of property. The slight investment in varieties like those below will yield large dividends in personal satisfaction as well as in actual increased money value.

American Linden or Basswood. A tree of unusual stately beauty with luxuriant foliage and curious cream colored flowers of delightful fragrance, blooming in July. It grows rapidly.
Each 8 to 10 feet, $3.00.

Butternut. Valued for its tropical appearance and beautiful wood, as well as for its nuts. Produces large, handsome, elongated nuts with rich, sweet, oily kernel; very nutritious. The tree grows rapidly and yields large crops in a few years. There are large profits in butternut growing. **Each, 4 to 5 ft., $1.25**

Catalpa Speciosa (Hardy or Western Catalpa). Very popular throughout the country on account of its hardy nature. It has immense leaves, velvet brown when they first appear, changing to a rich dark green, followed by immense panicles of pink and white flowers. **Each, 8 to 10 ft., $1.50.**

Catalpa Bungeii (Umbrella Catalpa). Grafted on stems 6 to 8 feet high, it makes an umbrella shaped top without pruning; perfectly hardy, and flourishes in almost all soils and climates; leaves large, glossy, heart-shaped, deep green; always making a symmetrical head. One of the most unique trees; desirable for lawn, park or cemetery. **Each, extra large, $2.75.**

Crab, Bechtel's Double Flowering. One of the most beautiful of the many fine varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful double, fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. Blooms when quite young. **Each, 3 to 4 ft., $1.25.**

Elm, American. The most admired of all American trees. It is very attractive in any suitable location, is extremely hardy, easily transplanted, and makes the finest shade tree in the world.
Each, 8 to 10 ft., $1.75; 10 to 12 ft., $2.25.

Maple, Norway. One of the most beautiful and desirable trees known, of large size, perfect outline, with deep green foliage. Its compact habit, stout, vigorous growth, freedom from disease and insects, render it one of the most desirable trees for the street, park or garden. See illustration.
Each, 8 to 10 ft., $1.75; 10 to 12 ft., $4.00

Maple, Silver Leaf or Soft Maple. A well-known native tree of rapid growth, large size, and rounded form. Foliage bright green above and silvery-white beneath; tree very hardy and easily transplanted. One of the most useful trees.
Each, 8 to 10 ft., $2.25.

Maple, Sugar or Rock. A native tree, valuable for its production of sugar and wood. Very stately in form, rapid grower, has fine foliage and is very ornamental.
Each, 8 to 10 ft., $2.25; 10 to 12 ft., $3.00.

Maple, Wier's Cut Leaf Weeping. A very beautiful tree distinguished for its finely cut or dissected foliage. It grows rapidly with long slender drooping shoots which gives it a very graceful appearance. **Each 6 to 7 feet $2.25.**

Mountain Ash. An old time favorite erect growing tree of medium size. It bears white flowers early in the spring followed by clusters of bright scarlet berries which remain on the tree through the winter. **Each 6 to 8 feet, $2.75.**

Weeping Mountain Ash. Very attractive variety which grows rapidly in a graceful drooping or trailing habit. It is covered with large clusters of bright scarlet berries from July until winter. Very desirable tree for the lawn. **Ea. 6 to 7 ft. $2.75**

Mulberry, Tea's Weeping. One of the finest, most graceful and satisfactory of weeping trees. Umbrella shaped head, with slender willowy branches drooping to the ground. Beautiful glossy foliage, handsomely cut or divided into lobes. Perfectly hardy. **Each, $3.00.**

Norway Maple An Ideal Shade Tree.

Mulberry, Downing. This tree is valuable not only for the large, refreshing berries it bears, but as a lawn or street tree.
Each, 4 to 5 ft., $1.25.

Plum, Purple Leaved (Prunus Pissardi) One of the finest purple leaved small trees of recent introduction. The leaves when young are a lustrious crimson changing to dark purple, retaining this color until autumn. The flowers are small, white and completely cover the tree in early spring. **Ea., 4-5 ft. $1.75**

Oriental Plane. A well known popular tree which attains a height of from fifty to seventy feet. Used very extensively for street and park planting, especially in cities where there is much smoke. **Each 8 to 10 feet, $2.25; 10 to 12 feet, $3.00.**

Poplar, Carolina. One of the most rapid growing trees; its branches are spreading, the leaves are large, handsome and glossy. The best of the poplars, and especially adapted to planting in large cities, where it resists the smoke and gas and soon affords a dense shade.
Each, 8 to 10 ft., $1.00.; 10 to 12 ft., $1.50.

Poplar, Lombardy. Grows to a height of from 100 to 150 feet. Well known and remarkable for its erect, rapid growth and tall, spiry form. Indispensable in landscape gardening, to break the ordinary and monotonous outlines of most other trees.
Each, 8 to 10 ft., $1.50; 10 to 12 ft., $2.00.

Walnut, English, Persian or Madeira. A fine, lofty-growing tree, with handsome, spreading head; produces large crops of thin-shelled delicious nuts. **Each, 3 to 4 ft., $2.00**

Walnut, American Black. The large, oily nuts are borne in heavy crops. They are much relished by all people, old and young, and always sell at a fair price. The tree grows quite fast and is extremely ornamental. **Each, 4 to 5 ft., $1.75.**

Walnut, Japan. A choice, imported variety, grows with great vigor, forming a handsome head without pruning. The trees begin to bear, when two or three years old, nuts whose kernels are meaty and can be removed entire. **Each, 4 to 5 ft., $1.75**

Unless otherwise stated, prices on this page are f. o. b. Rochester, i. e., the express or freight charges to be paid by customers and are subject to market changes.

FERTILIZERS

PULVERIZED SHEEP MANURE

The Very Best Fertilizer for the Lawn and Garden

It is Convenient. Being thoroughly dried and finely ground, Pulverized Sheep Manure is in a convenient form for use on the lawn, in the garden, in the greenhouse, or for potting soil. Most of the weight has been removed in drying.

It is Natural. A pure animal fertilizer. No chemical change or loss of plant food occurs in drying or grinding. Adds organic matter to the soil by nature's own method.

It is Inoffensive. Unequalled for the lawn. As a top it is dressing superior to stable manure, without any unsightly appearance or offensive odor.

There is No Risk. Contains no acids or chemicals to burn the sprouting seeds or roots of plants. May safely be used wherever stable manure would be desirable, and without inconvenience or discomfort.

On the Lawn. The first shower, or watering, following an application of Pulverized Sheep Manure, produces a luxuriant dark green growth. The insoluble particles, gradually decaying, feed the grass roots for a long time, so that the effect is lasting.

In the Garden. Pulverized Sheep Manure is convenient; it furnishes plant food in the best form for growing plants of all kinds, and it adds organic matter, or humus, to the soil, thus keeping it in good mechanical condition. Commercial fertilizers cause the soil to become hard and dry. We have used Pulverized Sheep Manure on our own farms quite extensively for Field Crops, with excellent results. For this purpose we use a grain drill as for commercial fertilizers.

Quantity to acre for lawn, 500 to 800 pounds; for other purposes, 1 ton.

5 lbs., 40 cents; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.00; 500 lbs., $13.50; 1,000 lbs., $24.00; 1 ton, $45.00.

Nitrate of Soda (Chili Saltpetre). The best and cheapest form of Nitrogen for plants. Highly concentrated and immediately available. Nothing like it to make plants grow. Price subject to market changes. 3 lbs., 50 cts. 5 lbs., 65 cts.; 10 lbs., $1.00; 25 lbs., $2.25; 50 lbs., $4.00; 100 lbs., $7.75.

Pure Raw Bone Meal. The very best fertilizer for use in potting soil for flowering bulbs. Finely ground. It decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial. Bone Meal forms an excellent permanent improvement and is less likely to waste than other fertilizers. It is safe and there is no danger of burning the plants or bulbs. 1 lb. postpaid, 25 cts; charges not prepaid, 5 lbs., 35 cts; 10 lbs., 60 cts.; 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.25;

Wood Ashes. One of the best fertilizers. It drives away insects and improves the texture of the soil. Per 100 lbs., $2.75; ton, $35.00.

White Rose Plant Food. One of the best well balanced fertilizers which we handle. It is a combination of the very best forms of Ammonia, Phosphoric Acid and Potash mixed in sufficient proportions as to give the best results. Ingredients used are so arranged that they will supply the plant with food during all stages of its growth. It is highly concentrated and should be used according to directions as they appear on each package.

1 lb. cans 25 cts.; 5 lb. cans 75 cts.; 10 lb. cans $1.25; 25 lb. bags $2.50; 50 lb. bags $4.00; 100 lb. bags $6.50; Can be sent by parcel post if postage is added according to rules shown on page 35.

Stadler's Superior Plant Food. Feed your plants new life and beauty with this excellent plant food completely soluble in water. The remarkable and almost immediate effect of Superior Plant Food are little short of amazing. Just dissolve a teaspoonful in a sprinkling pot every time you sprinkle the garden. Equally good on house plants, garden or lawn.

25 ct., 50 ct., and $1.00 cans. Dollar size contains 600 treatments.

STIMUPLANT Makes a **WONDER GARDEN**

Stim-U-Plant is a highly concentrated, immediately available plant food in convenient tablet form. It is odorless, clean and wonderfully effective for stimulating plant growth either out-of-doors or in pots. Simply insert tablets in soil or dissolve in water to use instead of liquid manure. 30 tablets 25 cents; 100 tablets 75 cts.; postage paid. 1000 tablets $3.50., not prepaid.

WEED KILLER

Destroys Weeds in Paths, Roads and Gutters

Weed Killer is a liquid which kills the roots as well as the tops of all weed and grass growths. It is easier to apply and less expensive than hoeing or digging by hand. It is especially effective in removing weeds from walks and cobbled gutters since it does not injure the roadbed; neither does it discolor the cement or stone. One application usually checks the growth of fresh weeds for an entire season. Dilute one part Weed Killer in forty parts water and apply with sprinkling can or cart. Qt., 75 cts; gal., $1.80; 5 gals., $6.50.

INSECTICIDES

Arsenate of Lead, Paste. The standard poison for all leaf eating insect; Dissolves readily and adheres to foliage. 1 lb., 40 cents; 5 lbs., $1.60s 25 lbs., $5.50; 100 lbs., $18.00.

Arsenate of Lead, Powdered. Superior to the paste, remaining longer in suspension and having a greater covering capacity; only half the weight needed as of the paste form. It may be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur or Bordeaux. ½ lb., 35 cents; 1 lb., 55 cents; 5 lbs., $2.25 10 lbs., $4.00. 25 lbs., $9.00; 50 lbs., $17.00; 100 lbs., $32.00.

Black-Leaf 40 (Liquid). A highly concentrated solution of Tobacco. Recommended by Experiment Stations for black Aphis and sucking insects of all kinds. Spraying directions on each package. 1 oz., 35 cents; ½ lb., $1.25; 2 lbs. $3.75; 10 lbs. $15.50.

Bordeaux Mixture. (Powder) For fungous diseases. Directions for using on carton. 1 lb., 35 cents; 5 lbs., $1.40; 25 lbs., $6.00

Bordo-Lead. (Paste) A combined insecticide and fungicide. Bordo-Lead contains enough Arsenate of Lead to kill bugs and chewing insects, and enough Bordeaux Mixture to prevent blight. Both results are accomplished in one operation. Bordo-Lead is safe to use, sticks to the foliage, covers a large surface evenly and does not wash away. One pound makes five to ten gallons of solution, ready to apply. For small gardens two or three teaspoonsful make a quart. Complete spraying directions are given with each package. 1 lb., 35 cents; 5 lbs., $1.50; 10 lbs., $2.75; 25 lbs., $6.00; 50 lbs., $11.50; 100 lbs., $21.00.

Paris Green. A poisonous, insoluble powder, used extensively for potato bugs, caterpillars, slugs, codling moths, worms and bugs. Applied as a powder, mix with plaster or flour; in solution, mix in two to three hundred gallons of water. ¼ lb., 20 cents; ½ lb., 35 cents; 1 lb., 60 cents.

Pyrox (Paste). The best known liquid spray for Potatoes, Tomatoes, etc; Kills bugs and prevents blight. 1 lb., 40 cents; 5 lbs., $1.85; 10 lbs., $3.25. 25 lbs., $7.00; 100 lbs., $23.00.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Quart, 60 cents; gallon, $1.40; 5 gals. $6.25.

Slug Shot. Non-poisonous powder for Potato Bugs, Cabbage Lice and Worms, Currant Worms, etc. 1 lb. 25 cents; 5 lbs. 75 cents.

Universal Spray Powder. As its name implies, this is an insecticide designed to kill all kinds of insects, pests and diseases. It is applied as dry powder by perforating the top of the can or with duster shown on opposite page. Trial package 25 cents large package 50 cents postpaid.

Lime Sulphur (Powdered) It is now recognized that the most economical sprays are those put up in a powdered form which eliminates paying freight or express on water. One to one and one half pounds of Dry Lime Sulphur will make five gallons of solution of standard strength for dormant spray.

Lime Sulphur will destroy San Jose Scale, Oyster Shell Bark Louse, Scurfy Scale and other sucking insects, such as Spiders, Lice, Aphis of all kinds, at the same time Fungus spores of Apple Scab, Peach Rot, Leaf Spot, etc., if applied in the fall immediately after the leaves drop, or in the spring before the buds open. 1 lb. 40 cents; 5 lb. $1.60

Whale Oil Soap. Used as a wash for roses, trees and plants affected with insects. ½ lb. box, 25 cents; 1 lb. box, 40 cents, postage paid.

HALL'S NICOTINE INSECTICIDES

Hall's Nicotine Fumigator. A specially prepared fumigating Compound saturated with pure Nicotine. Lights quickly, burns evenly and will not go out. It costs but 25 cents to fumigate a greenhouse 20 x 100 ft. 10 lb. tins $8.50; 2 1-2 lb. tins $2.50; 1 lb. tin $1.25.

Hall's Free Nicotine. For effective greenhouse spraying or vaporizing. As a spray it costs only 2 1-2 cents a gallon. For fumigating it has all the killing power of Hall's Fumigator. 8 lb. tins $15.00; 2 lb. tins $4. 25; 1-2 lb. tins $1.40.

Hall's Nicotine Sulphate. For spraying fruit trees and truck crops. 40 per cent Nicotine guaranteed. Makes a deadly spray costing only 2 cents a gallon. 10 lb. tins $13.50; 2 lb. tins $3.50; 1-2 lb. tins $1.25; oz. bottles 35 cts.

Hall's Tobacco Dust. Finely ground and screened, ready for use. Guaranteed to contain a full 1 percent Nicotine. Very effective wherever dusting is preferable to spraying. 100 lb sacks $4.50; 2 lb. drums 35 cents.

KILL THE ROSE BUGS

Melrosine—the only remedy—endorsed by leading authorities. The GENERAL CONTACT INSECTICIDE that KILLS ROSEBUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Gallon, $6.00; Half-Gallon, $3.25; Quart, $1.75. Pint, $1.00 By mail or express at customers expense; Trial Size, sufficient to make one gallon when diluted, and care for several plants for the season, postpaid for 60 cts.

SPRAYING OUTFITS

Express or Freight, Charges Collect

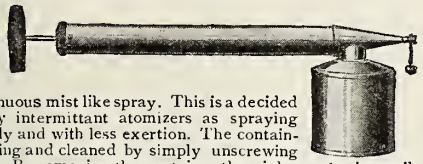
AUTO-SPRAY No. 1

Capacity Four Gallons of Solution

The Auto-Spray No. 1 is the best compressed air sprayer made. Strongly built and guaranteed to be satisfactory and without defect. Will handle all solutions including whitewash, and can be used in all kinds of work. Tank of heavy brass or galvanized steel. Seamless brass pump 2 inches in diameter. The pump is locked air tight to the tank by means of a simple sliding cam. This locking device is superior to that on any other sprayer. There are no screw connections to wear out and become leaky. All parts are instantly accessible and easily replaced. Each machine equipped with 2 feet of ½-inch hose, nozzle for fine spray, cap for solid stream and either stop-cock or our patented self-cleaning shut-off ("auto-pop") as ordered.

Auto-Spray No. 1-A—Brass tank with stop-cock	$ 9.00
Auto-Spray No. 1-B—Brass tank with auto-pop	9.50
Auto-Spray No. 1-C—Galvanized tank with stop-cock	6.00
Auto-Spray No. 1-D—Galvanized tank with auto-pop	6.50

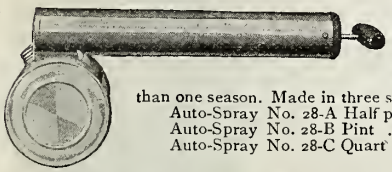
AUTO-SPRAY NO. 26



A continuous atomizer of unusual merits. The pressure generated on the down stroke of the plunger allows this sprayer to produce a continuous mist like spray. This is a decided advantage over ordinary intermittant atomizers as spraying can be done more rapidly and with less exertion. The container be detached for refilling and cleaned by simply unscrewing from the pump cylinder. By removing the container the siphon tube is easily and quickly cleaned. Two nozzels are supplied, one for straight and one for angular spraying.

	Prices
Auto-Spray No. 26-A All tin, 1 qt.	$ .85
Auto-Spray No. 26-B Tin pump, brass tank, 1 qt.	1 10
Auto-Spray No. 26-C All brass, 1 qt.	1.30

AUTO-SPRAY NO. 28

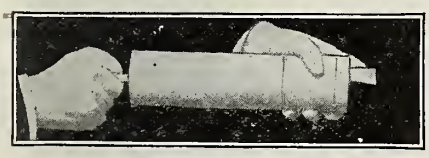


A strong atomizer made of heavy tin used for all light spraying and disinfecting. The pump of the sprayer is fitted with an oil treated leather cup that lasts more than one season. Made in three sizes.

	Prices
Auto-Spray No. 28-A Half pint	$ .35
Auto-Spray No. 28-B Pint	$ .45
Auto-Spray No. 28-C Quart	$ .50

MODEL "B" DUSTER

For applying all kinds of insecticides in powdered form.



Insecticides in powdered form are being used more and more each season, because of the ease with which they can be used, there being no weighing, mixing or measuring of chemicals and poisons, and because of their effectiveness in combating all kinds of sucking and eating insects. The Model B Duster is the simplest and best tool of its kind we have ever seen, offered at a most reasonable price. Will distribute perfectly all kinds of powdered insecticides. Most insecticides can now be had in powdered form. **Each, $1.25**

CARBOLA

The Disinfecting White Paint

Carbola (Disinfectant Paint.) A white paint and powerful disinfectant in powder form. Quickly mixed with water. Apply with brush or sprayer on any surface. Does not flake or peel. One pound covers 100 square feet. Will kill bad odor, desease germs, mustiness, prevent cobwebs. Ideal for cellar walls ceiling, poultry houses, barns, etc.

5 lb. package 75 cts.; 10 lbs. $1.25; 50 lbs. $5.00; 200 lb2. $18.00.

BOOKS FOR THE GARDEN

Postage or Express Charges Prepaid

GARDEN GUIDE. The Amateur Gardener's Handbook. Throughout its pages the veteran gardeners tell the amateur in remarkably simple, easily understood language, how to plan, plant and maintain the home grounds, suburban garden, or city lot; how to grow good vegetables and fruit; how to raise beautiful flowers; how to take care of lawns, porch plants, window boxes, etc. Handsomely illustrated, newly revised, brought right up to the minute. **Paper, $1.10; cloth, $1.65.**

Milady's House Plants. By F. E. Palmer. The care of plants in the house made simple and success assured. About 100 illustrations. **Paper 80 cts.; cloth $1.10.**

Peony Manual. By C. S. Harrison. Complete directions for propagation and cultivation. Third Edition, improved and enlarged. **55 cents.**

Bulbous Plants for the Garden. Tells how to successfully handle all kinds of bulbous plants, Iris, Gladioli, Dahlias, Cannas, Tulips, Hyacinths, Narcissus, etc. Paper cover. **20 cents.**

Weeds, and How to Eradicate Them. By Thomas Shaw. Has also a chapter on spraying. Cloth. 80. cts.

Home Grounds, There Planting and Planning by Dr. L. H. Bailey. This is of great interest and value to those who are planning for sbrubs, trees and gardens in their home surroundings. Paper 55. cts.

The Home Fruit Grower. By Prof M. G. Kains. Simple, clear, practical and comprehensive volume for the amateur. Paper. **$1.10. cloth $1.65.**

Greenhouse, Its Flowers and Management. Valuable directions for growing Chrysanthemums, Carnations, Cyclamen and many other desirable and popular plants. Cloth, $1.40

Book of Annuals. By A. C. Hottes. Many illustrations. All the annals of merit with directions for planting and care. Cloth, $1.65; Paper, $1.10.

Book of Perennials. By A. C. Hottes. For shady places, for cutting, for edging, for succession of bloom and for general beauty, with illustrations and directions for growing. Cloth $1.65; Paper $1.10.

BASKET MAKING MATERIAL

The use of Raffia for all kinds of woven and crocheted articles is becoming increasingly popular. A great variety of enticingly attractive articles can be made with a little ingenuity—fancy baskets, boxes, mats, pot coverings, etc. We have an excellent assortment of colors for almost any purpose.

Raffia. The inner skin of a palm found in Madagascar. Raffia is very strong and tough, but soft and flexible, which fact makes it the only practical article for weaving into fancy baskets, boxes and mats. In its natural color it is a light straw, but for basket work various colors are used; our list is complete and embraces the following. Postage paid.

Pink, Orange, Emerald Green, Golden Brown, Dark Brown, Yellow, Dark Navy Blue, Black, Red, Christmas Red, White.

	OUNCE	¼ LB.	POUND
Raffia—Colored . . . . See colors above	$0 15	$0 45	$1 50
Raffia—Natural	10	15	30

Samples of Raffia on application.

Labels.

Wooden; painted.

	per 100 postpaid.	per 1,000 not prepaid.		per 100 postpaid.	per 1,000 not prepaid
4 inch	35	$2 00	6 inch	50	$3 10
4½ inch	40	2 35	8 inch	1 10	7 75
5 inch	45	2 65	10 inch	1 65	12 00

Weatherproof Labels. These plant labels are neat, convenient and permanent. They consist of a label and a transparent waterproof cover, which protects the writing from effacement by the elements. The marking on it will last indefinitely if done with a lead pencil, since the graphite of the pencil requires friction to remove it, and that is prevented by the transparent cover. To mark, slide the cover to one side. Our prices include the copper wires for attaching.

	DOZEN	HUNDRED
No. 1, 3 x ½ inches	$ .30	$2.50
No. 2, 4 x ¾ inches	.50	4.50
No. 3, 5 x 1 inches	.75	6.50

PAPER FLOWER POTS

Neponset Waterproof

Neponset Waterproof Paper Flower Pots merit your consideration. They are made from tough, lasting and thoroughly waterproof paper, and have many advantages that earthenware pots do not possess. They are less subject to breakage and practically eliminate all losses from that source; they weigh but one-tenth as much as earthenware pots and are, therefore, easier to handle; they hold moisture much better, and they are comparatively inexpensive. In addition, Neponset Waterproof Flower Pots can be used for every purpose; they are ideal for transplanting potted plants and for rooting strawberry, tomato and cabbage plants. In fact, they can be put to every use in which earthenware pots are employed.

	DOZEN	HUNDRED	THOUSAND	WEIGHT PER 1000
2¼ inches	$ .15	$ .60	$ 4.50	12 Lbs.
2½ inches	.20	.75	5.20	16 "
3 inches	.25	.90	6.90	24 "
3½ inches	.30	1.20	9.00	34 "
4 inches	.40	1.50	11.20	46 "
5 inches	.50	2.40	17.60	74 "
6 inches	.65	3.10	23.25	102 "

We prepay postage on quantities of 100 and less to and including the fifth zone. Not less than 50 at the 100 rate. Not less than 500 at the 1000 rate

In these days of up-to-date, profitable farming, quality in seeds is absolutely necessary. Be sure you get the best

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